Scan and Login website
for more information

WOODPECKER®

DTE®

CE 0197

TIP BOOK



Contents

Periodontal treatment device

Dimensions Unit: mm

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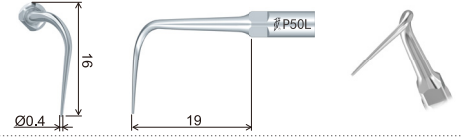
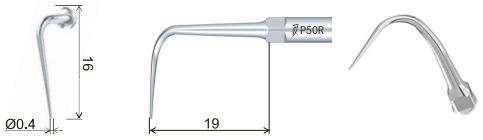
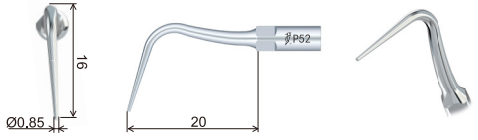
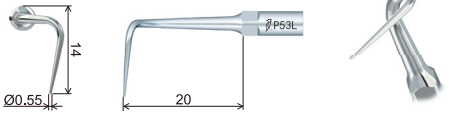
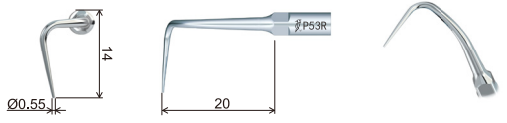
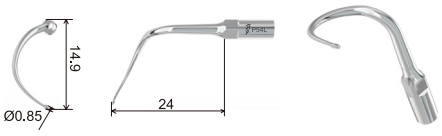
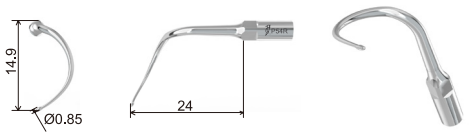
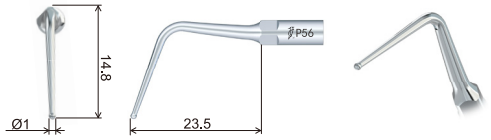
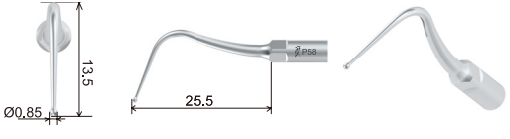
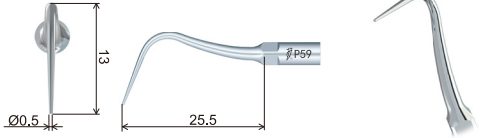
P50L		1
P50R		1
P52		2
P53L		2
P53R		3
P54L		3
P54R		4
P56		4
P58		5
P59		5

Periodontal treatment device

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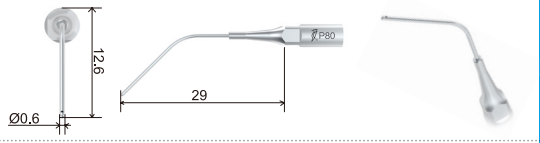
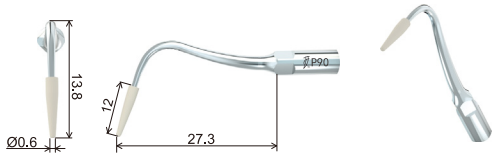
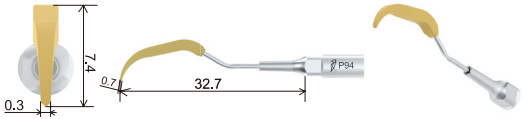
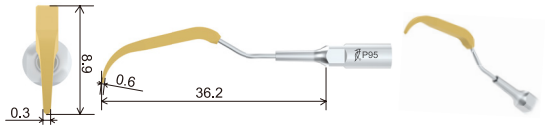
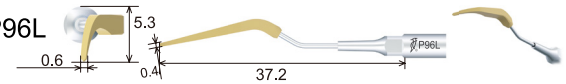
P80		6
P90		6
P94		7
P95		7
P96L		8

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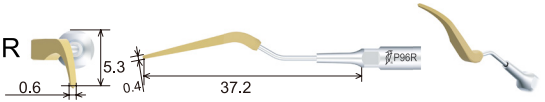
P96R		8

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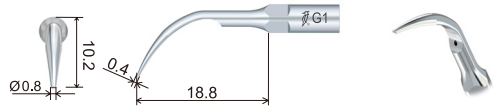
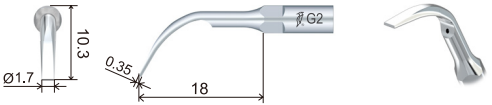
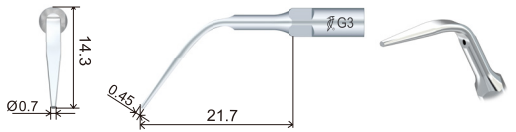
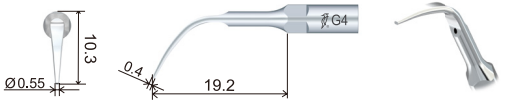
G1		9
G2		9
G3		10
G4		10

Scaling

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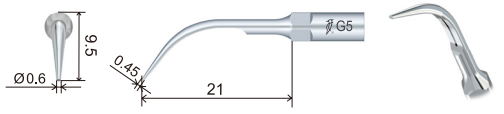
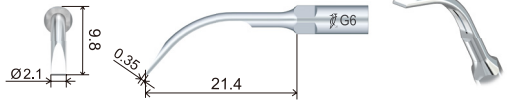
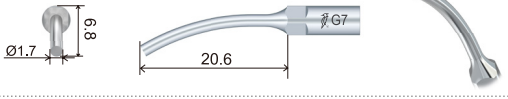
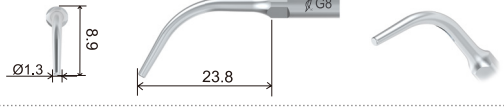
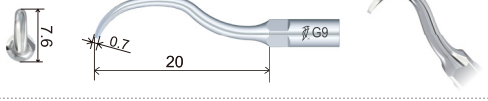
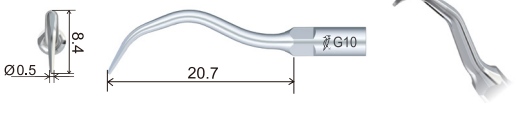
G5		11
G6		11
G7		12
G8		12
G9		13
G10		13

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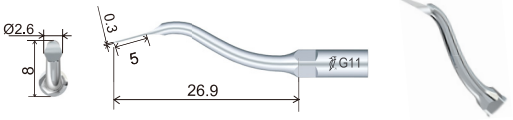
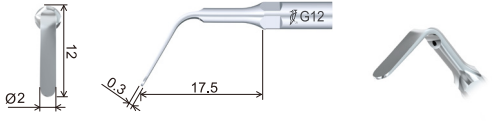
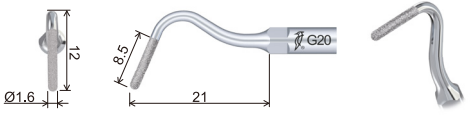
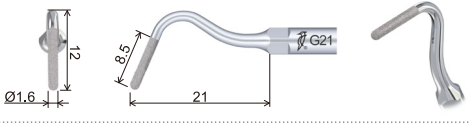
G11		14
G12		14
G20		15
G21		15

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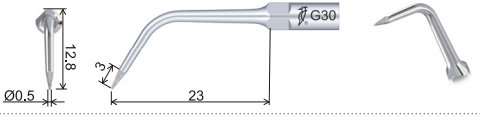
G30		16

Cavity preparation

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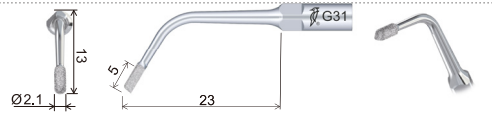
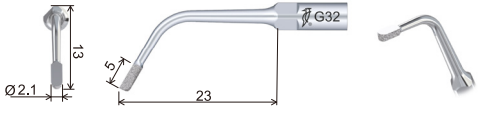
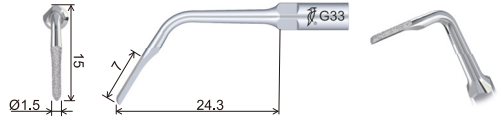
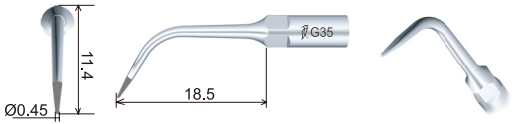
G31		16
G32		17
G33		17
G35		18

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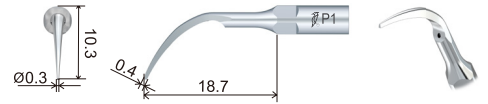
P1		18

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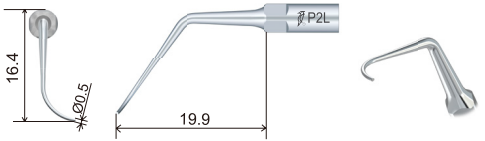
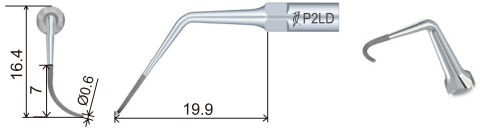
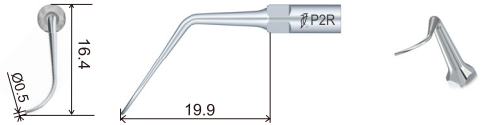
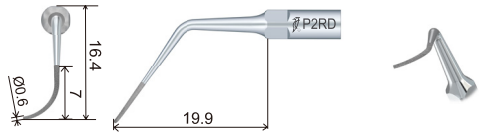
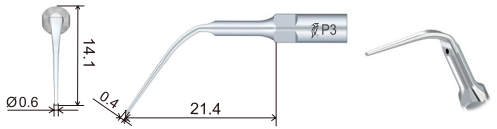
P2L		19
P2LD		19
P2R		20
P2RD		20
P3		21

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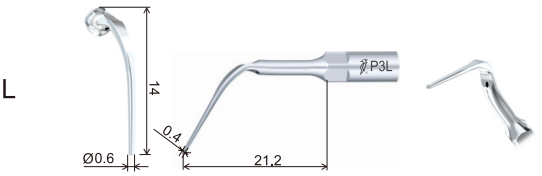

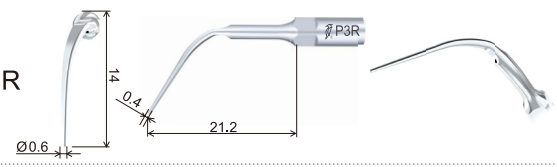

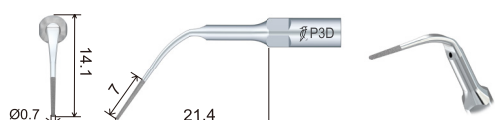

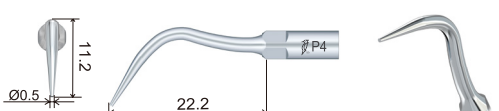

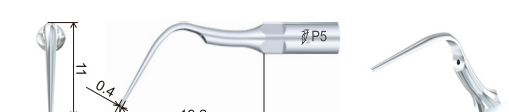

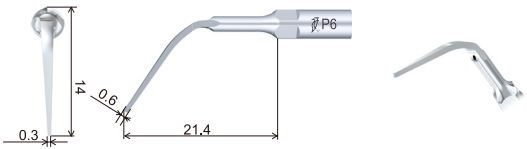

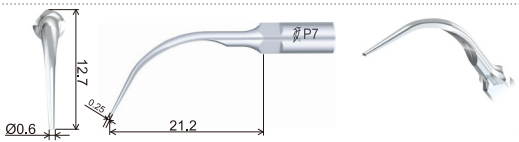

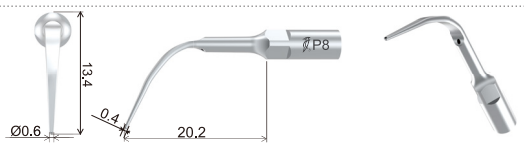

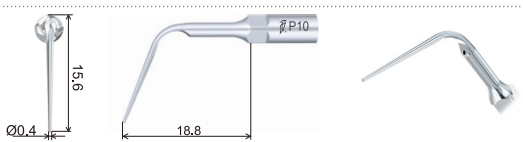

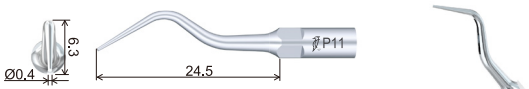

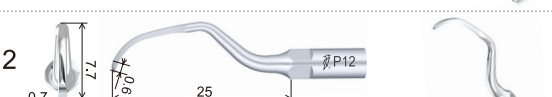

Periodontics

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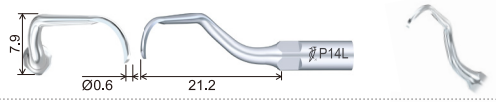
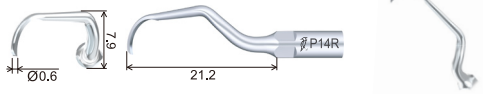
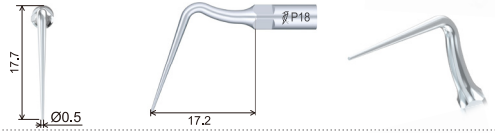
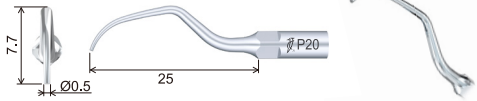
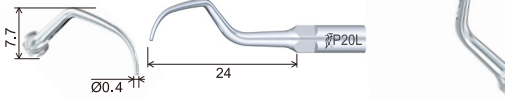
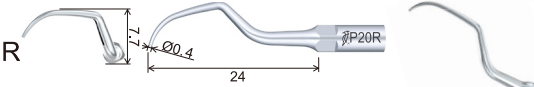
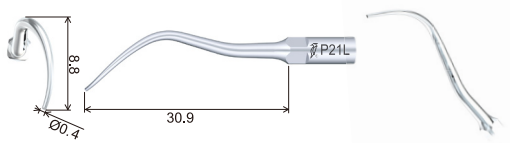
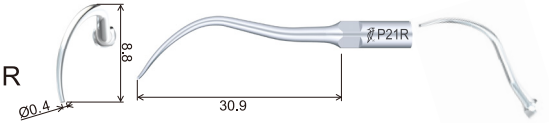
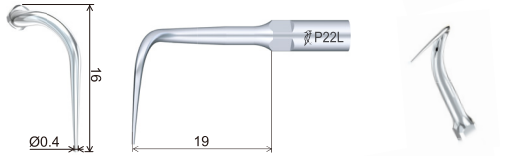
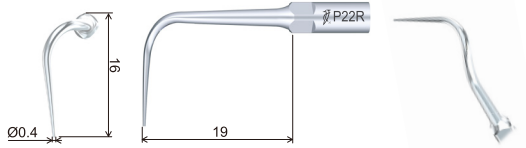
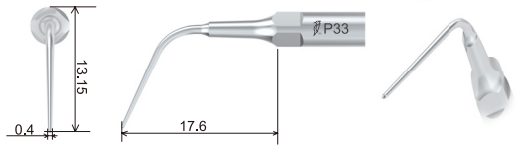
P14L		27
P14R		27
P18		28
P20		28
P20L		29
P20R		29
P21L		30
P21R		30
P22L		31
P22R		31
P33		32

Periodontics

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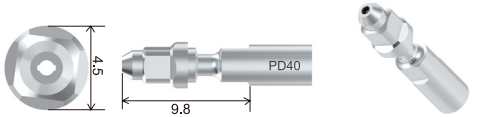
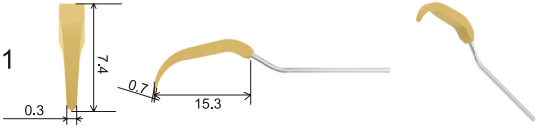
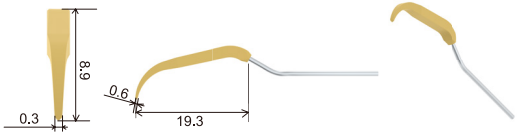
PD40		32
PD41		33
PD42		33
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Endodontics

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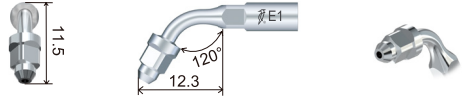
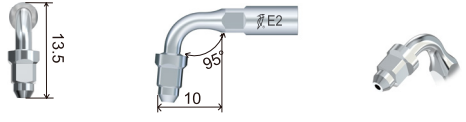
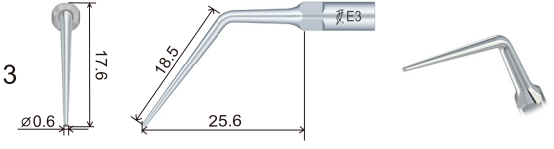
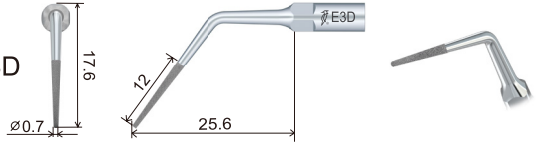
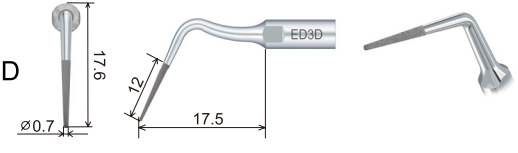
E 1		35
E 2		35
E3		36
E3D		36
ED3D		37

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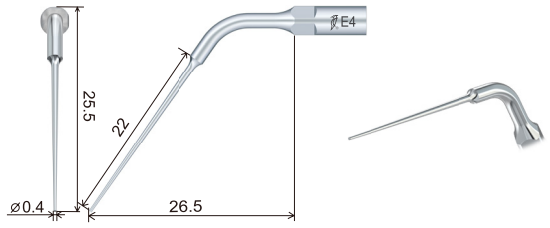
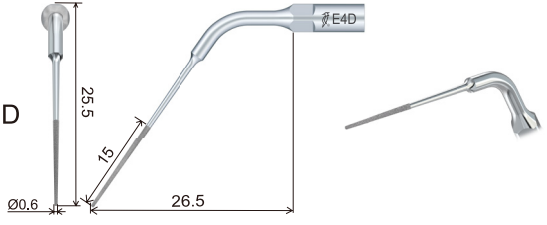
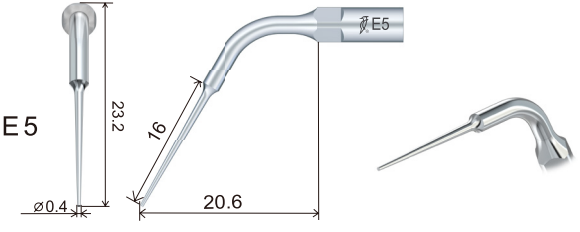
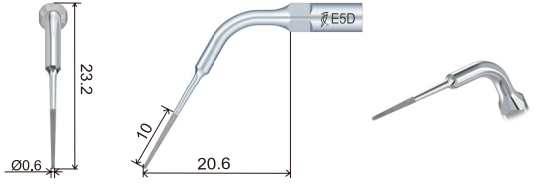
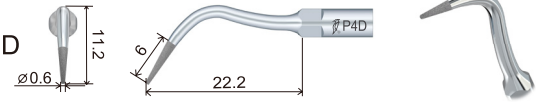
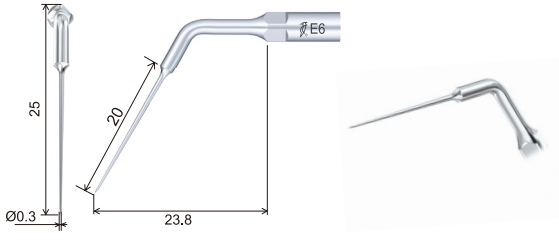
E4 	37
E4D 	38
E5 	38
E5D 	39
P4D 	39
E6 	40

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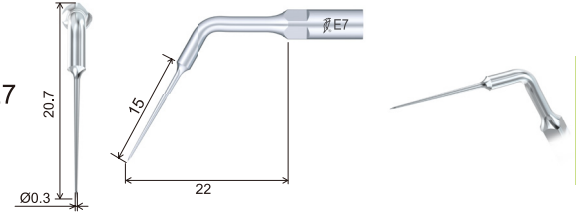
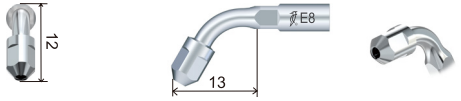
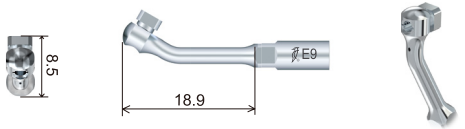
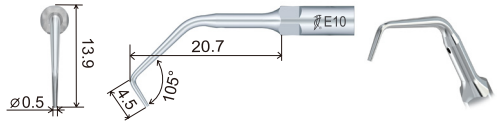
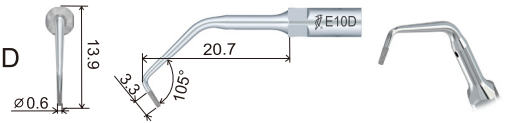
E7		40
E8		41
E9		41
E10		42
E10D		42

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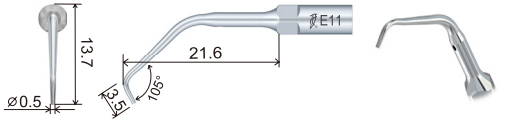
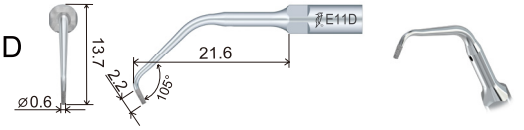
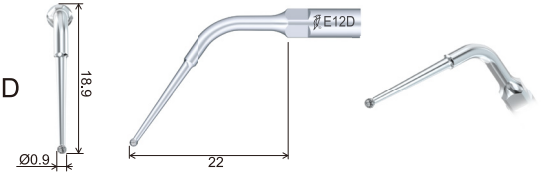
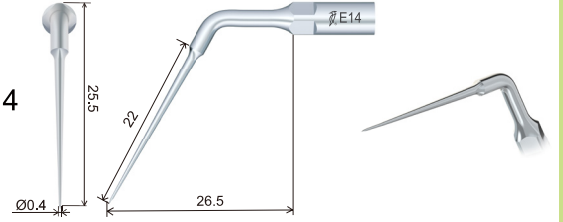
E11		43
E11D		43
E12D		44
E14		44

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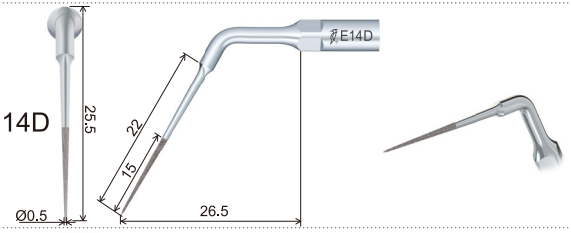
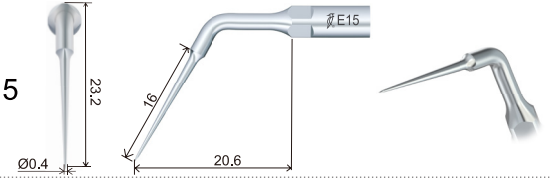
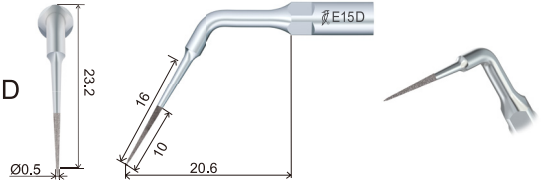
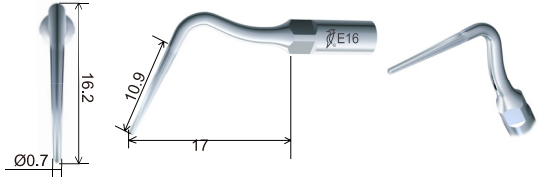
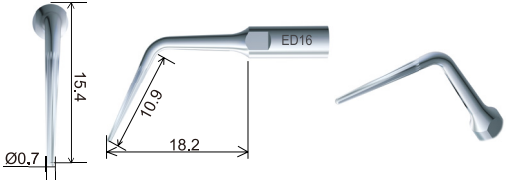
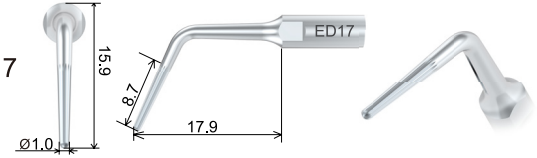
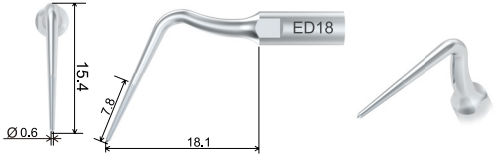
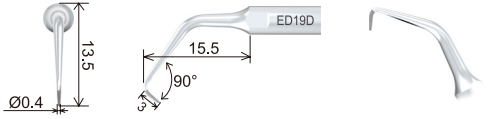
E14D		45
E15		45
E15D		46
E16		46
ED16		47
ED17		47
ED18		48
ED19D		48

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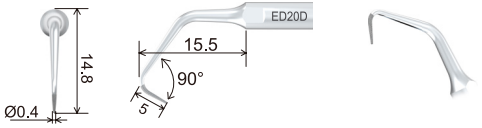
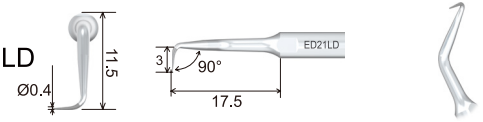
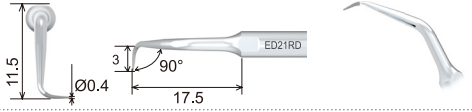
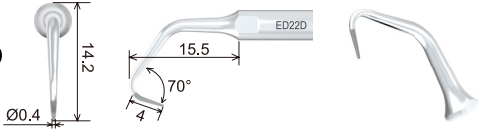
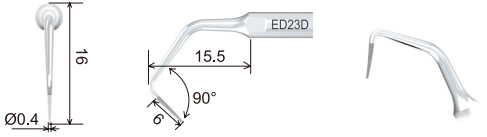
ED20D		49
ED21LD		49
ED21RD		50
ED22D		50
ED23D		51

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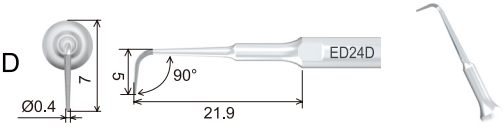
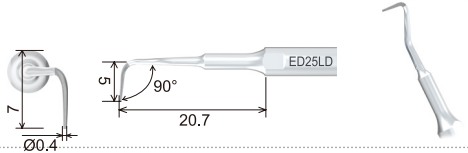
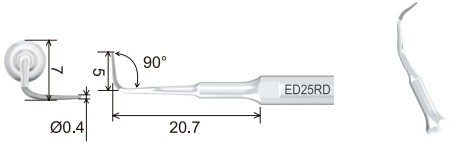
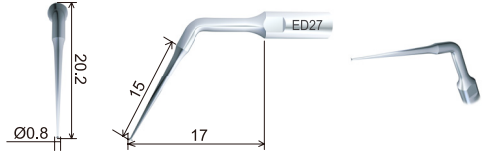
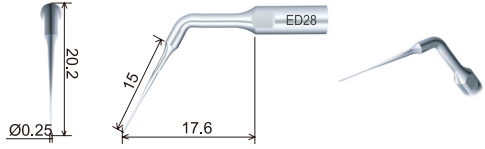
ED24D		51
ED25LD		52
ED25RD		52
ED27		53
ED28		53

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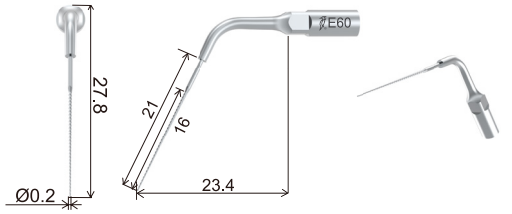

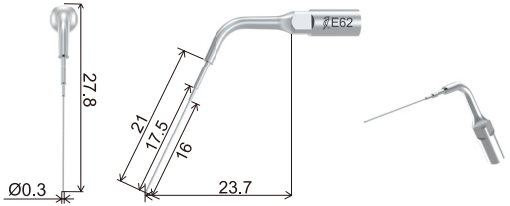

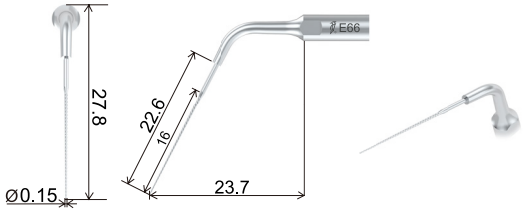

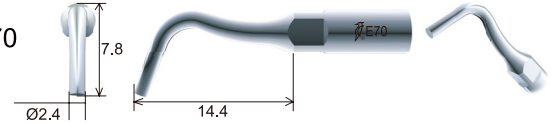

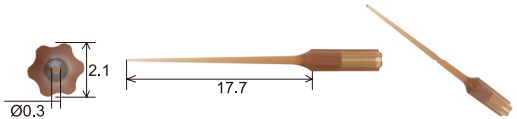

Endodontics

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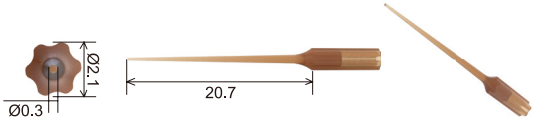
E72		56
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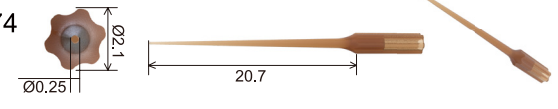
E74		57

Endodontics (Only suitable for Ultrasonic Endo Activator)

Dimensions Unit: mm

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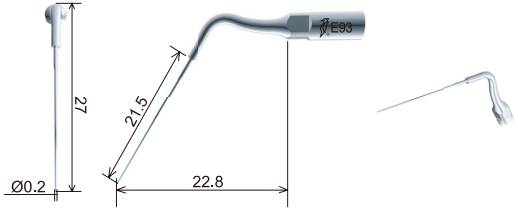
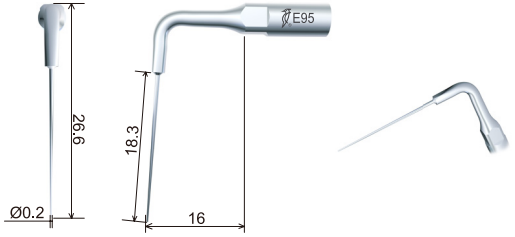
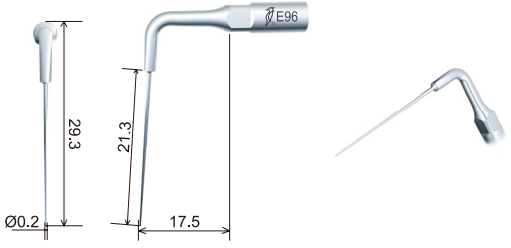
E93		58
E95		58
E96		59

Endodontics

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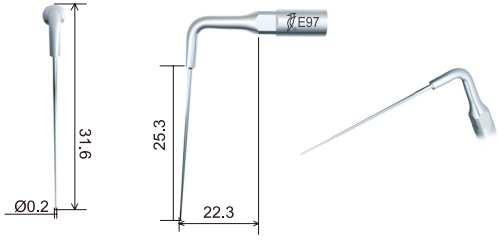
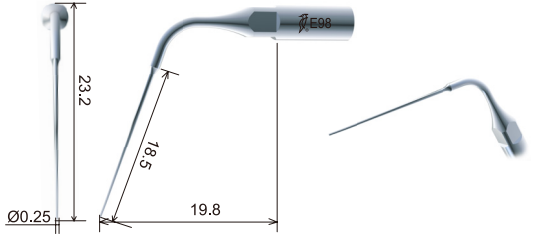
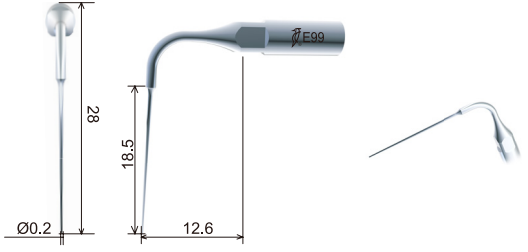
E97		59
E98		60
E99		60

Cavity preparation

Dimensions Unit: mm

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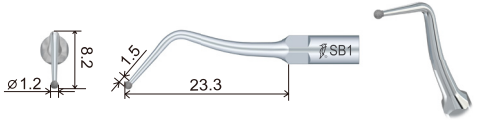
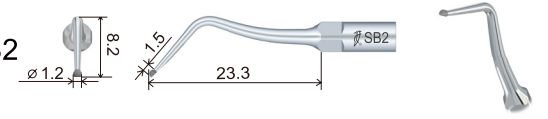
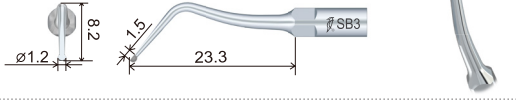
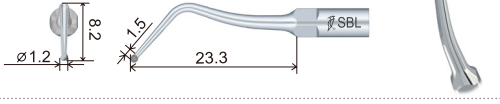
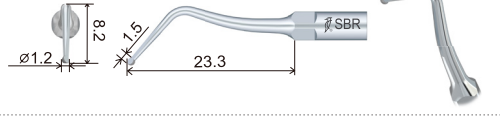
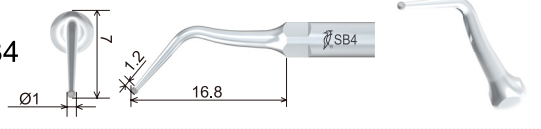
SB1		61
SB2		61
SB3		62
SBL		62
SBR		63
SB4		63

Cavity preparation

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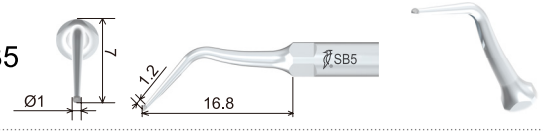
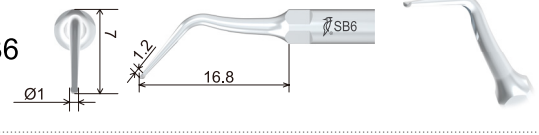
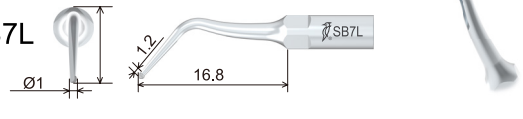
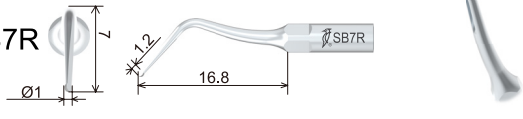
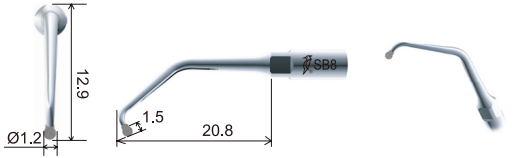
SB5		64
SB6		64
SB7L		65
SB7R		65
SB8		66

Scaling

Dimensions Unit: mm

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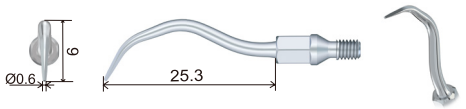
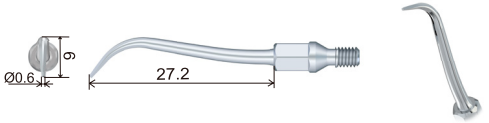
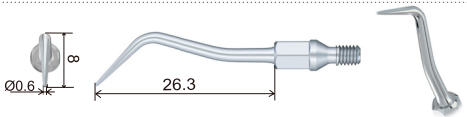
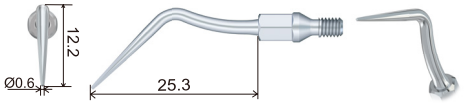
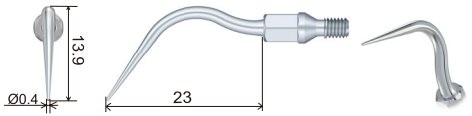
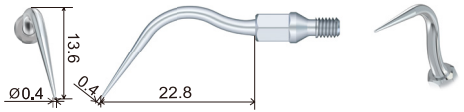
GK1		66
GK2		67
GK3		67
GK4		68
GK5		68
GK6		69

Scaling

Dimensions Unit: mm

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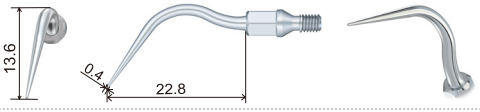
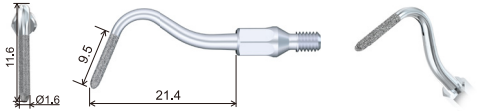
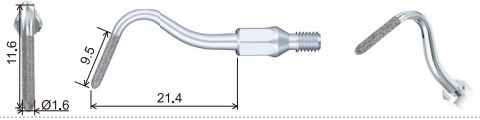
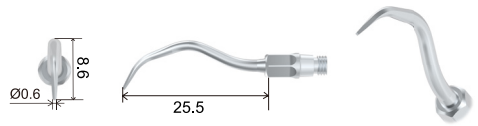
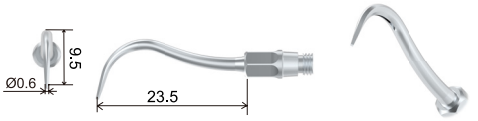
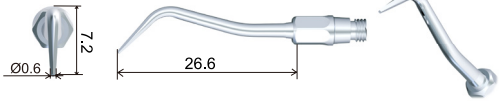
GK7		69
GK20		70
GK21		70
GK60		71
GK61		71
GK62		72

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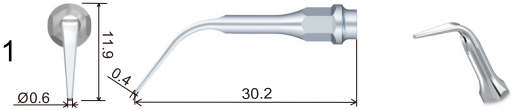
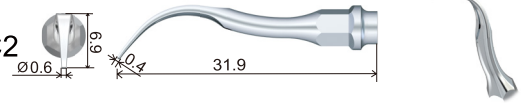
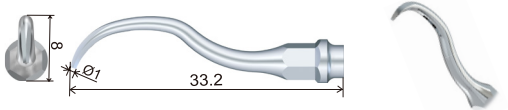
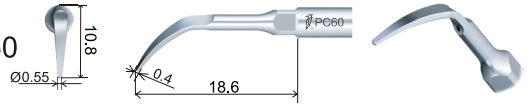
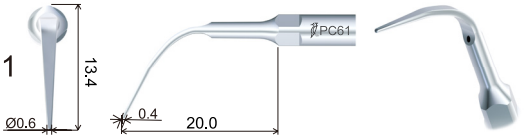
GC1		72
GC2		73

Periodontics

PC1		73
PC60		74
PC61		74

Periodontics

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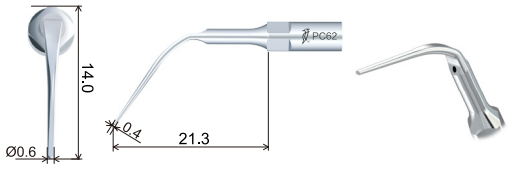
PC62		75

Scaling

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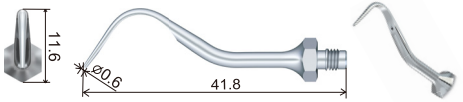
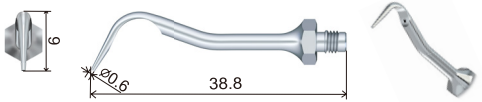
A1		75
A2		76

Bone surgery

Dimensions Unit: mm

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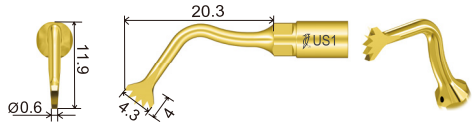
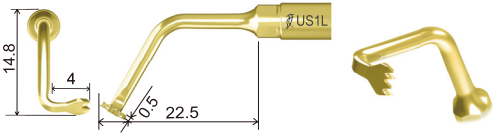
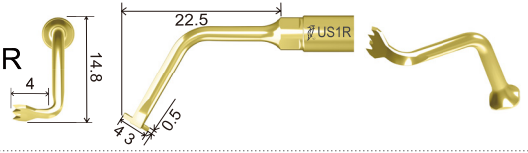
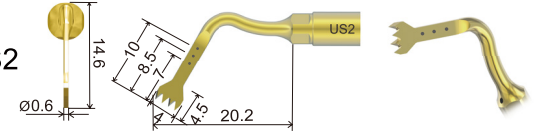
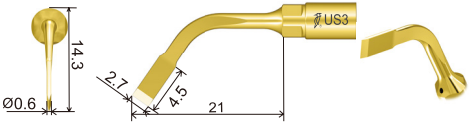
US1		77
US1L		77
US1R		78
US2		78
US3		79

Bone surgery

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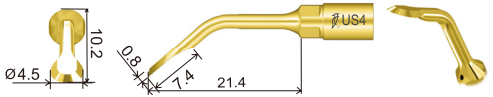
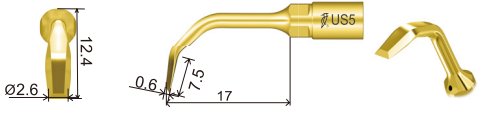
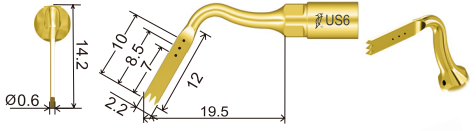
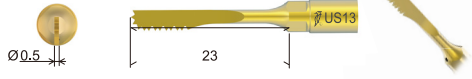
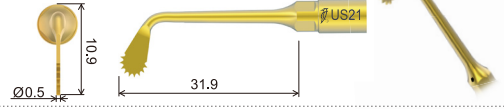
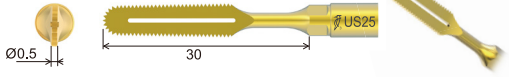
US4		79
US5		80
US6		80
US13		81
US21		81
US25		82

Sinus lifting

Dimensions Unit: mm

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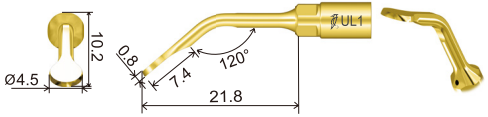
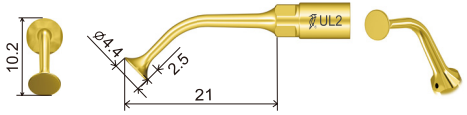
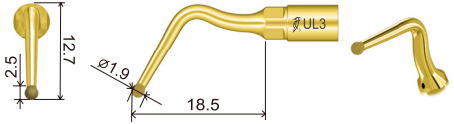
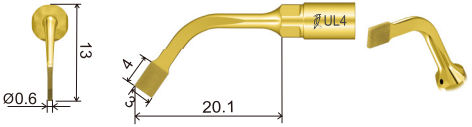
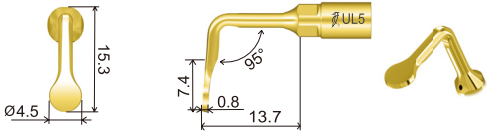
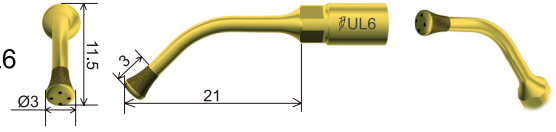
UL1		82
UL2		83
UL3		83
UL4		84
UL5		84

Sinus lifting

Model | Page

UL6 85



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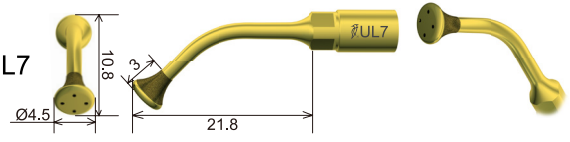
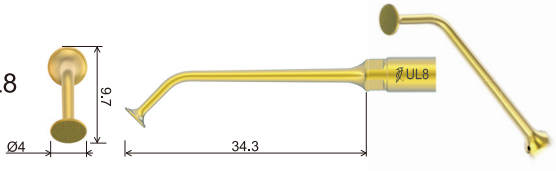
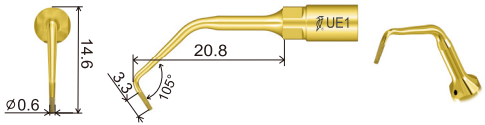


UL8 86



Endodontics

UE1 86



Endodontics

Dimensions Unit: mm

Model | Page

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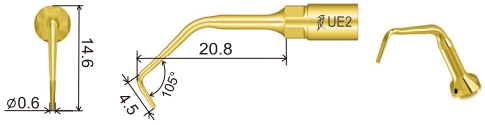

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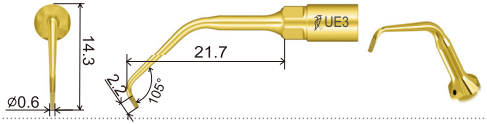

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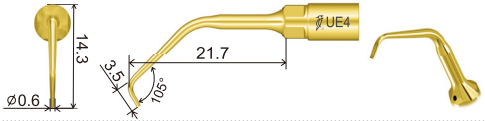

Exelcymosis

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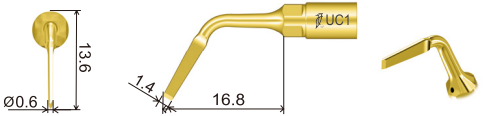

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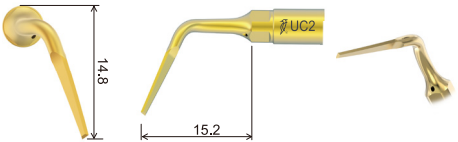

Exelcymosis

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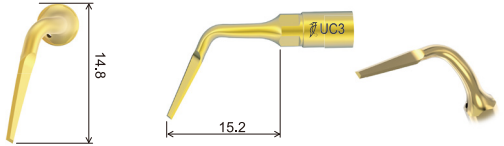
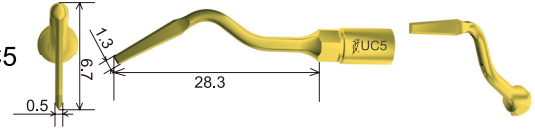
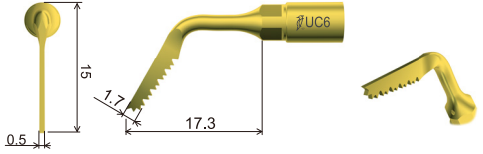
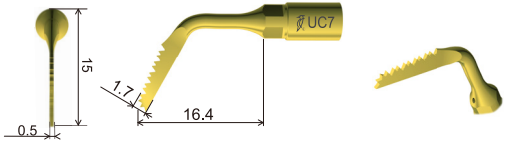
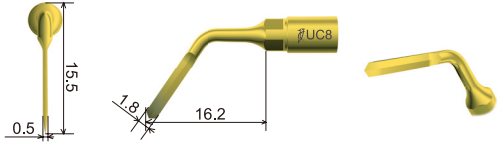
UC3		89
UC5		90
UC6		90
UC7		91
UC8		91

Implantaion

Dimensions Unit: mm

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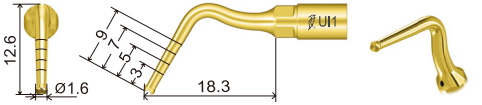
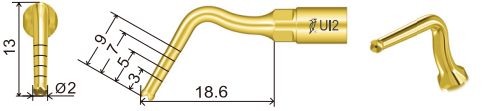
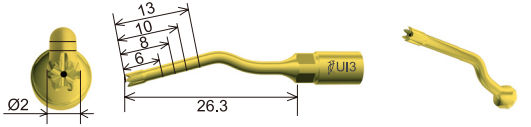
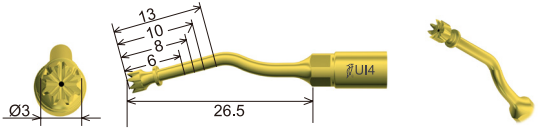
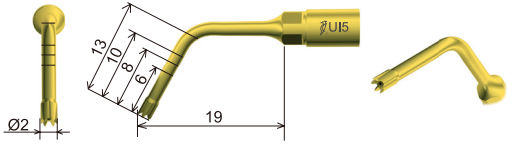
UI1		92
UI2		92
UI3		93
UI4		93
UI5		94

Implantaion

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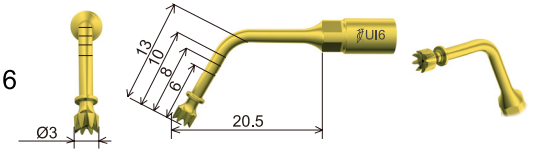
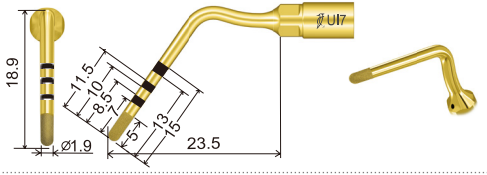
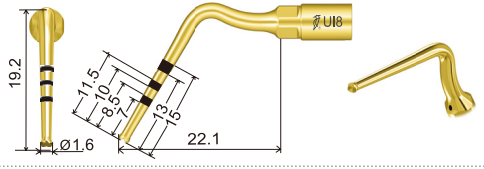
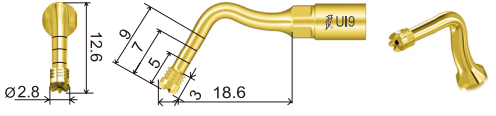
UI6		94
UI7		95
UI8		95
UI9		96

Periodontal surgery

Dimensions Unit: mm

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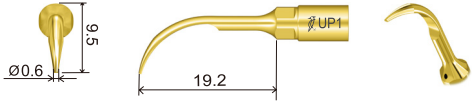
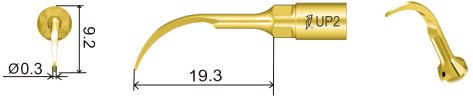
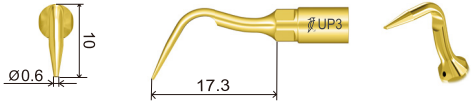
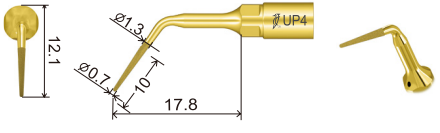
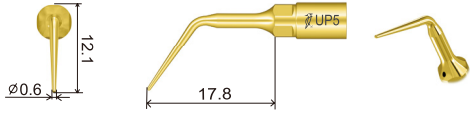
UP1		96
UP2		97
UP3		97
UP4		98
UP5		98

Periodontal surgery

Dimensions Unit: mm

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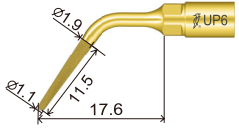
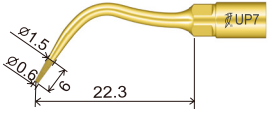
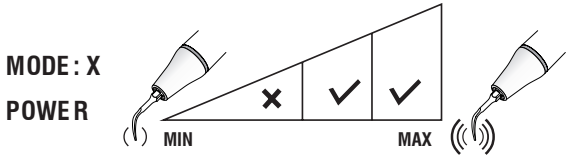
UP6		 	99
UP7		 	99

SPOILING YOU SO MUCH!

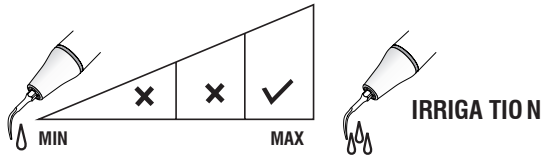


Ultrasonic scaler Tip



Meaning of the above symbols:
Mode X indicates that the tip should be used in X mode of the scaler.

Power
The first grid indicates that the power is 0-30% of the power in the X mode of the scaler.
The second grid indicates that the power is 30% -60% of the power in the X mode of the scaler.
The third grid indicates that the power is 60% -100% of the power in the X mode of the scaler.
Meaning of the above symbols:

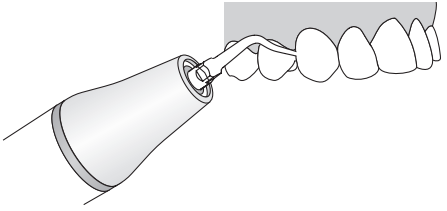


Water volume
The first grid indicates that the water volume is 0-30%.
The second grid indicates that the water volume is 30% -60%.
The third grid indicates that the water volume is 60% -100%.

P50L

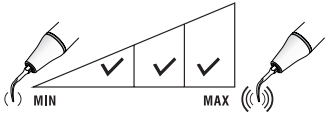
Volume of water: Ensure the cooling water reach the end of the tip.
Functional Description: Explore subgingival calculus, root planing and subgingival scaling.
Applicable area: Teeth adjacent part
Operation method:The tip is perpendicular to the long axis of the tooth, The front or back 2mm tip needle part adapt the tooth surface.Move the tip up and down.



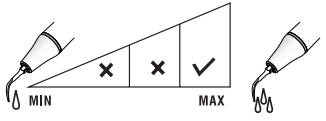


Demo Video

MODE: P



POWER

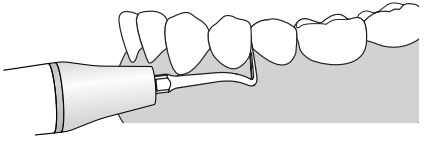


IRRIGATION

P50R

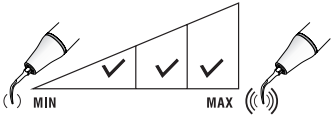
Volume of water: Ensure the cooling water reach the end of the tip.
Functional Description: Explore subgingival calculus, root planing and subgingival scaling.
Applicable area: Teeth adjacent part
Operation method:The tip is perpendicular to the long axis of the tooth, The front or back 2mm tip needle part adapt the tooth surface.Move the tip up and down.





Demo Video

MODE: P



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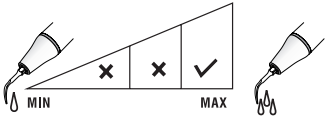
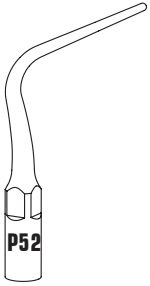


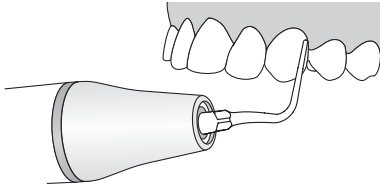
IRRIGATION

Special design for periodontal treatment device

P52

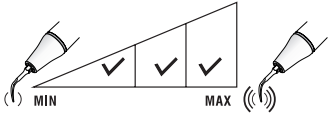
Volume of water: Ensure the cooling water reach the end of the tip
Functional Description: For gingival scaling
Applicable area: All teeth buccal and lingual site
Operation method:The tip is parallel to the long axis of the tooth, and ensure the 2 mm right or left tip niddle site adapt the tooth surface.Move the tip front and back.





Demo Video

MODE: P



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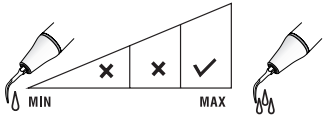
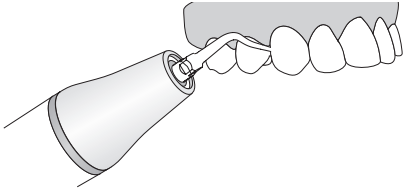


IRRIGATION

P53L

Volume of water: Ensure the cooling water reach the end of the tip.
Functional Description: Explore subgingival calculus, root planing and subgingival scaling.
Applicable area: Teeth adjacent part
Operation method:The tip is perpendicular to the long axis of the tooth, The front or back 2mm tip needle part adapt the tooth surface.Move the tip up and down.





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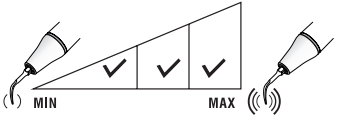

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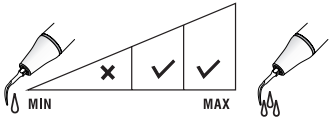
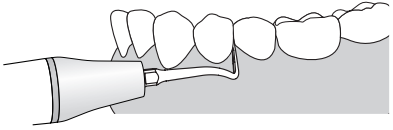


IRRIGATION

P53R

Volume of water: Ensure the cooling water reach the end of the tip.
Functional Description: Explore subgingival calculus, root planing and subgingival scaling.
Applicable area: Teeth adjacent part
Operation method:The tip is perpendicular to the long axis of the tooth, The front or back 2mm tip needle part adapt the tooth surface.Move the tip up and down.





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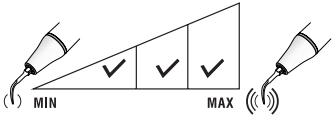

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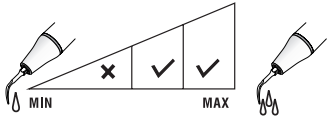
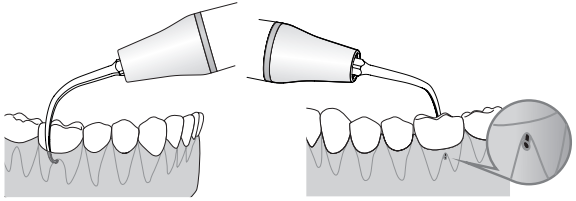


IRRIGATION

P54L

Water volume control: Ensure that the cooling water reaches the end of the tip
Function: For the treatment of root bifurcation area.
Applicable area: Root bifurcation area





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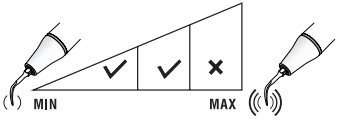

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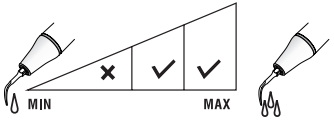
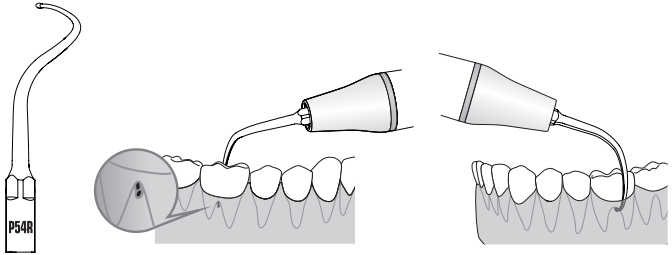


IRRIGATION

Special design for periodontal treatment device

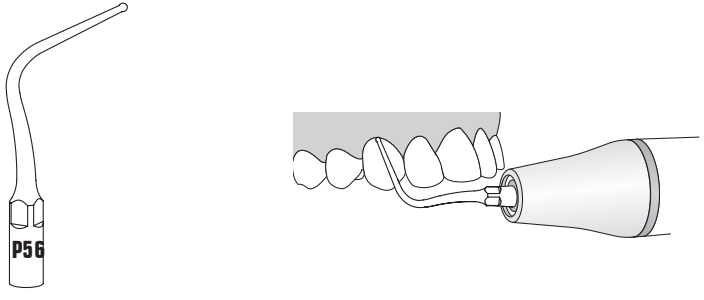
P54R

Water volume control: Ensure that the cooling water reaches the end of the tip
Function: For the treatment of root bifurcation area.
Applicable area: Root bifurcation area

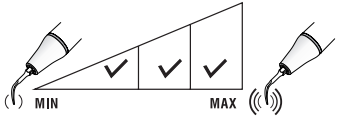


P56

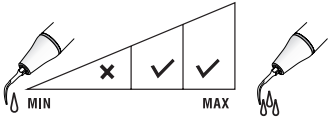
Volume of water: Ensure the cooling water reach the end of the tip
Functional Description: Used for gingival large stones and dental plaque
Applicable area: All teeth buccal and lingual site.
Operation method:The tip is parallel to the long axis of the tooth. and ensure the 2 mm right or left tip niddle site adapt the tooth surface. Move the tip front and back.



MODE: P

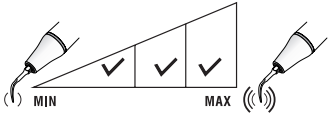


POWER



IRRIGATION

MODE: P



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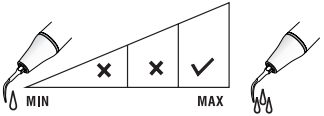
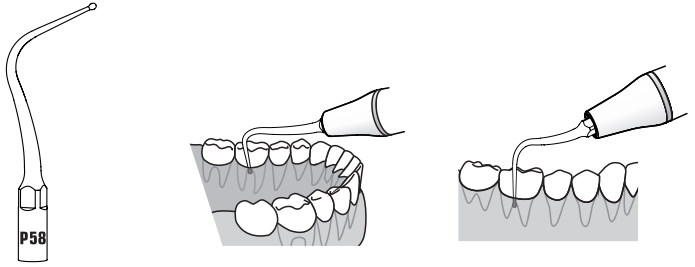


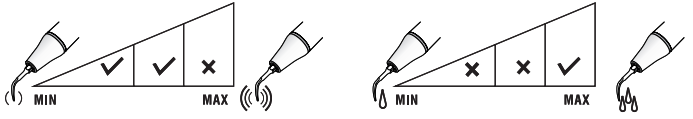
IRRIGATION

P58

Water volume control: Ensure that the cooling water reaches the end of the tip.
Function: For the treatment of root bifurcation, removal of supragingival large calculus and plaque.
Applicable area: root bifurcation area, labial (buccal) surface and lingual (palatal)
surface of all teeth.



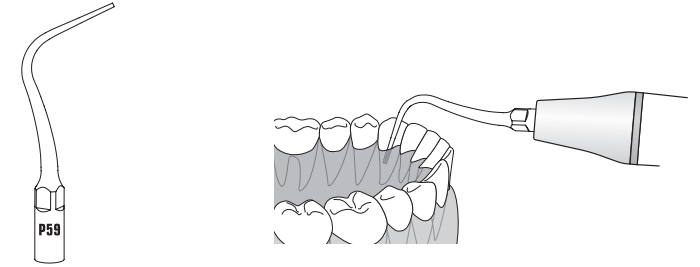
MODE: P



POWER **IRRIGATION**

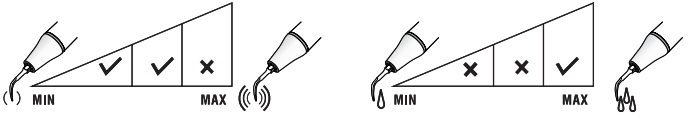
P59

Volume of water: Ensure the cooling water reach the end of the tip
Functional Description: For subgingival calculus probing, subgingival scaling and root planing
Applicable area: All teeth buccal and lingual site
Operation method:The tip is parallel to the long axis of the tooth. and ensure the 2 mm right or left tip niddle site adapt the tooth surface. Move the tip front and back.



Demo Video

MODE: P



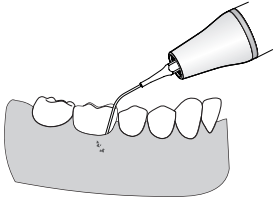
POWER **IRRIGATION**

Special design for periodontal treatment device

P80

Function: For subgingival irrigation. It is mainly used to rinse out the residue after the subgingival treatment.
Features: For non-invasive irrigation. The water outlet is at about 1mm from the tip, which is convenient for subgingival flushing at different areas and angles.
Use: Used in P mode of PT5. Recommended power level: level 1~5 (Please do not exceed the recommended
maximum power level. Otherwise instrument fracture is easy to happen).
Note:
(1) The tip is mainly used for subgingival irrigation, and should not be used for scraping solid objects as much as possible to prevent the tip from being worn too fast and shortening the service life.
(2) In order to ensure the safety, it is recommended to firstly perform the external debugging, select debugging water volume under power level 1, ensure the water output is normal, and adjust the power within the range of power level limit.





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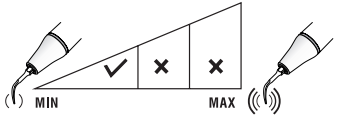
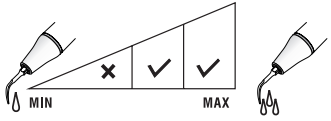


POWER

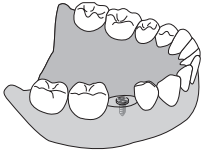


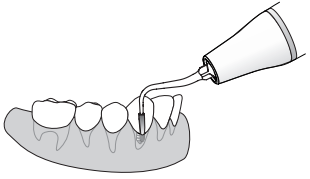
IRRIGATION

P90

Volume of water: Ensure the cooling water reach the end of the tip
Functional Description: Used for gingival large stones and dental plaque
Applicable area: All teeth buccal and lingual site of dental implant or prosthesis.
Operation method:The tip is parallel to the long axis of the tooth.and ensure the 2 mm right or left tip niddle site adapt the tooth surface. Move the tip front and back.
Warn: Please ensure that there is water coming out from the handpiece to avoid damage to the tip.







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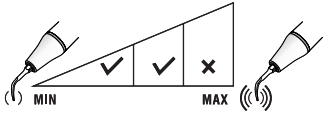
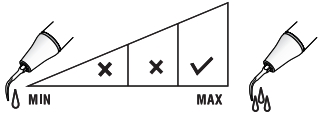


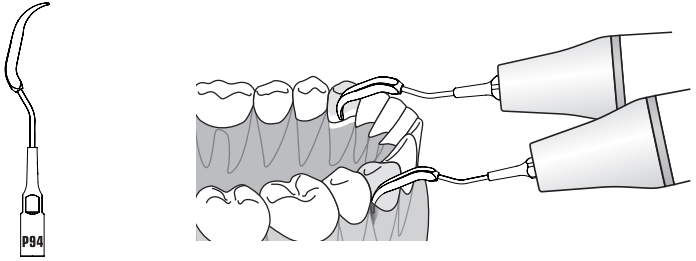
POWER



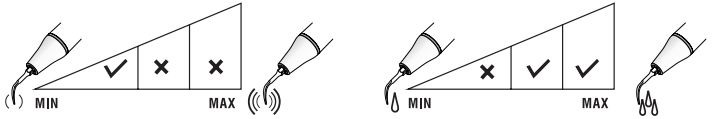
IRRIGATION

P94

Function: Cleaning and maintenance of implant
Size: Plastic head is of 15mm length
Features: The tip is of a slender hook shape, making it easier for subgingival cleaning and maintenance.
Use:
a. Used in P mode of Periodontal Treatment Device. Recommended power level: level 1~3.
b. Used in P mode of U600. Recommended power level: level 1
c. Used in P mode of U6. Recommended power level: level 1~3.
Note:
(1) The plastic part is made of PEEK material which can be disinfected under high temperature and high pressure, the higher the power, the easier it is to wear;
(2) Avoid the tip stuck in the gap of the tooth during operation to avoid breaking the tip.



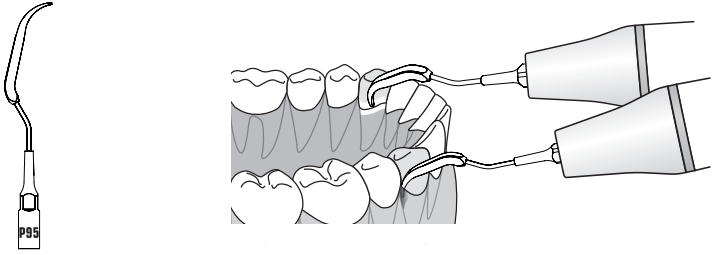
MODE: P



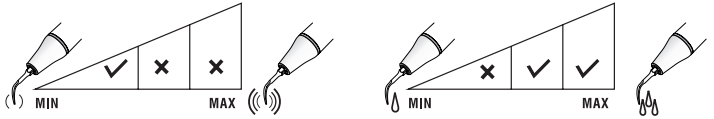
POWER **IRRIGATION**

P95

Function: Cleaning and maintenance of implant
Size: Plastic head is of 19mm length
Features: The tip is of a slender hook shape, making it easier for subgingival cleaning and maintenance.
Use:
a. Used in P mode of Periodontal Treatment Device. Recommended power level: level 1~6.
b. Used in P mode of U600. Recommended power level: level 1~3
c. Used in P mode of U6. Recommended power level: level 1~6.
Note:
(1) The plastic part is made of PEEK material which can be disinfected under high temperature and high pressure, the higher the power, the easier it is to wear;
(2) Avoid the tip stuck in the gap of the tooth during operation to avoid breaking the tip.



MODE: P

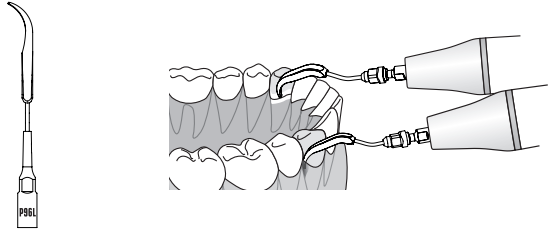


POWER **IRRIGATION**

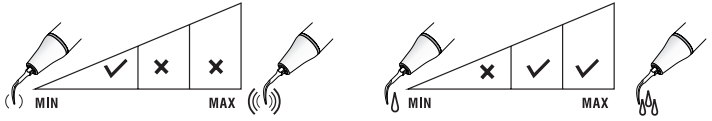
Special design for periodontal treatment device

P96L

Function: used for cleaning and maintenance of dental implants. Plastic head length: 21mm.
Feature: The tip is of a slender hook shape, making it easier to clean and maintain in subgingival part.
The tip end is twice bent, so it does not touch the adjacent teeth and buccal surface, enabling wider application areas.
Use:
Used in P mode of Periodontal Treatment Device; recommended power level: level 1~5
Used in P mode of U600; recommended power level: level 1~2
Used in P mode of U6; recommended power level: level 1~4
Used in P mode of ordinary scalers; recommended power level: low (level 1~3)
Note:
(1) The plastic part is made of autoclavable PEEK material. The higher the power, the easier it is to wear.
(2) Avoid the tip stuck in the gap of the tooth during operation to prevent breaking the tip.
(3) Before use, please make sure that the water output of handpiece is normal, and then install the tip to avoid damage to the tip.



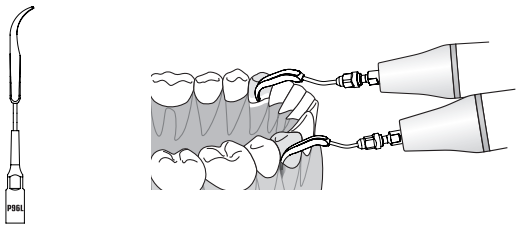
MODE: P



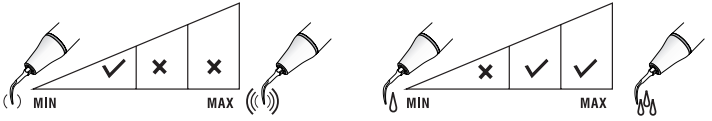
POWER **IRRIGATION**

P96R

Function: implant maintenance tip installed on PD40 adapter to realize the cleaning and maintenance of dental implants.
Plastic head length: 21mm
Feature: The tip is of a slender hook shape, making it easier to clean and maintain in subgingival part.
The tip end is twice bent, so it does not touch the adjacent teeth and buccal surface, enabling wider application areas.
Use:
Used in P mode of Periodontal Treatment Device; recommended power level: level 1~5
Used in P mode of U600; recommended power level: level 1~2
Used in P mode of U6; recommended power level: level 1~4
Used in P mode of ordinary scalers; recommended power level: low (level 1~3)
Note:
(1) The plastic part is made of autoclavable PEEK material. The higher the power, the easier it is to wear.
(2) Avoid the tip stuck in the gap of the tooth during operation to prevent breaking the tip.
(3) Before use, please make sure that the water output of handpiece is normal, and then install the tip to avoid damage to the tip.



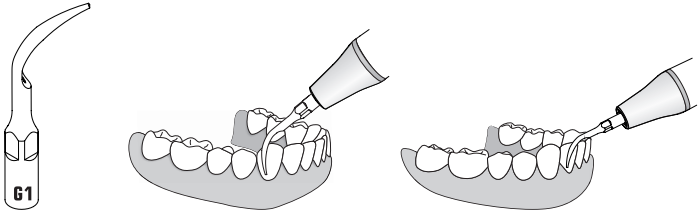
MODE: P



POWER **IRRIGATION**

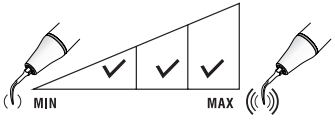
G1 (GD1/GS1)

Removal of supragingival deposits in all quadrants.

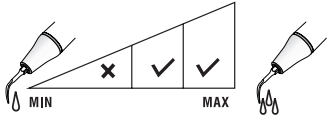


Demo Video

MODE: G



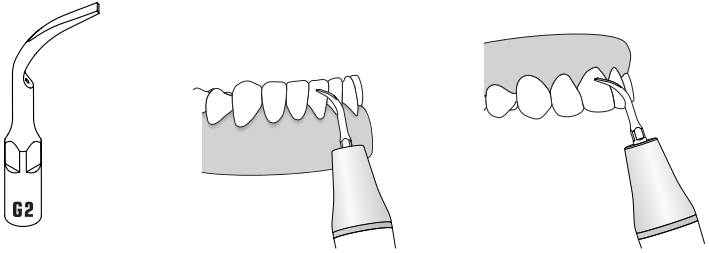
POWER



IRRIGATION

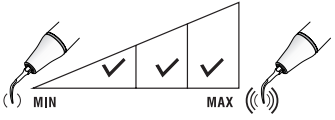
G2 (GD2/GS2)

Removal of heavy supragingival deposits.
Apply flat end to surface of teeth.

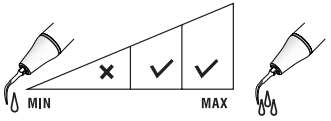


Demo Video

MODE: G



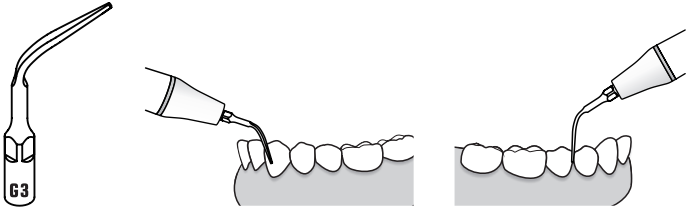
POWER



IRRIGATION

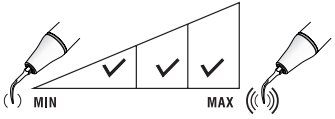
G3 (GD3/GS3)

Removal of supragingival deposits in all quadrants, including the interproximal and sulcus areas.

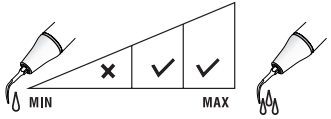


Demo Video

MODE: G



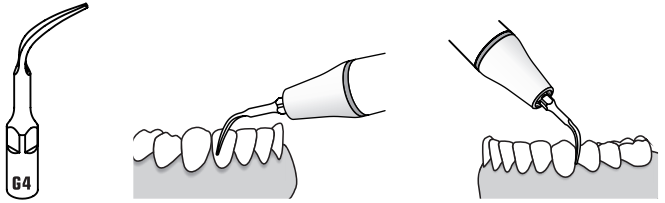
POWER



IRRIGATION

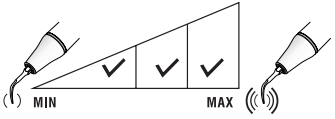
G4 (GD4/GS4)

Recommended for the treatment of interproximal spaces and for supragingival scaling.

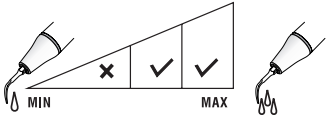


Demo Video

MODE: G



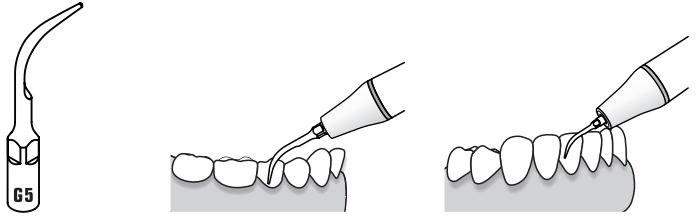
POWER



IRRIGATION

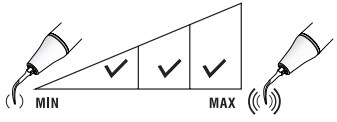
G5 (GD5/GS5)

Recommended for treating simple cases and gross supragingival scaling.



Demo Video

MODE: G



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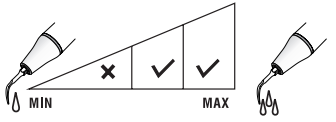
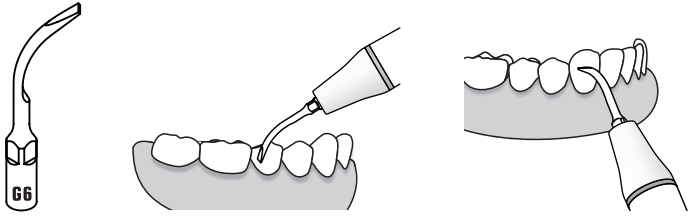


IRRIGATION

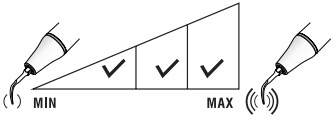
G6 (GD6/GS6)

Recommended for removing voluminous supragingival deposits. Apply flat end to surface of teeth.



Demo Video

MODE: G



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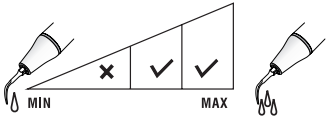
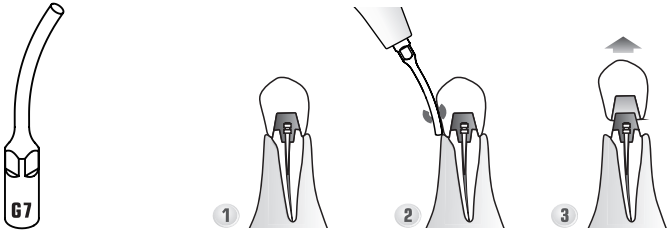


IRRIGATION

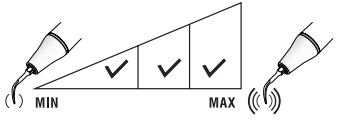
G7 (GD7/GS7)

Removal of crowns.
Apply the instrument onto surface and activate. Increase pressure until vibrations can no longer be heard and maintain for few seconds.

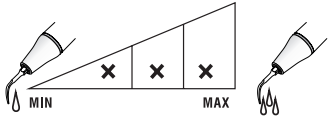


Demo Video

MODE: G



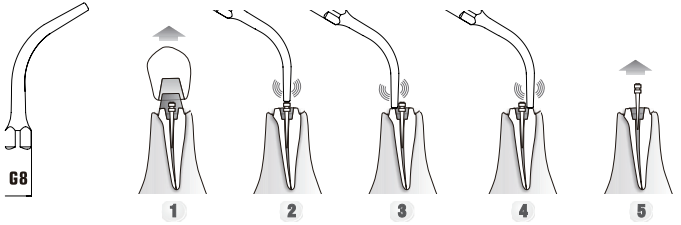
POWER



IRRIGATION

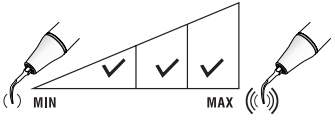
G8 (GD8/GS8)

Removal of posts.
Ultrasonic high efficiency for the removal of the difficult prosthetic parts.

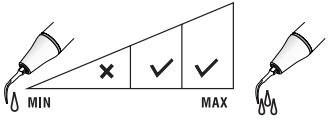


Demo Video

MODE: G



POWER

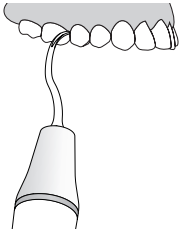


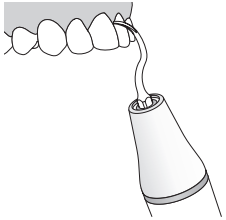
IRRIGATION

G9 (GD9)

Removal of supragingival calculus, interdental calculus and calculus at the neck of the teeth.

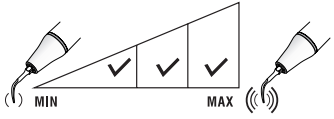






Demo Video

MODE: G



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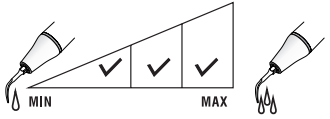
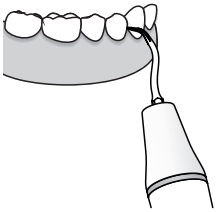


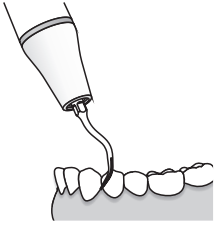
IRRIGATION

G10 (GD10)

Removal of supragingival deposits in all quadrants, including the interproximal and sulcus areas.

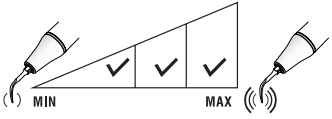






Demo Video

MODE: G



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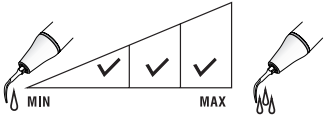
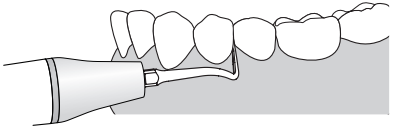


IRRIGATION

G11 (GD11/GK11)

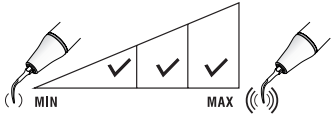
Diamond-coated(40μm) instrument for polishing the treatment surface of teeth in interproximal areas, without damaging the adjacent teeth during the orthodontics treatment.





Demo Video

MODE: G



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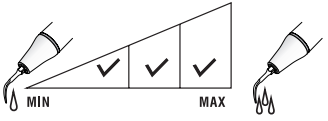
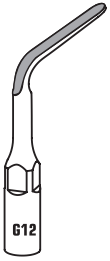
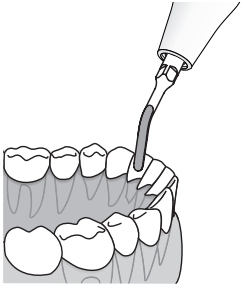


IRRIGATION

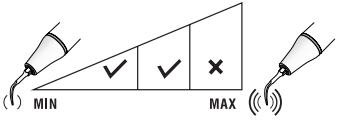
G12 (GD12)

Removal of large supragingival deposits on the lingual surfaces in all quadrants.

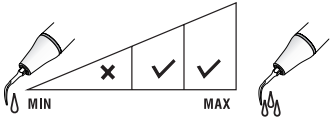




MODE: G



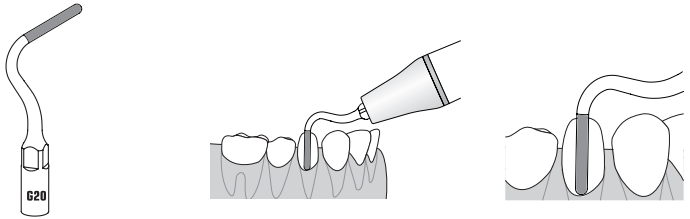
POWER



IRRIGATION

G20 (GD20)

There are diamonds coated (120um grit) on the head of the tip for dentin abrading.
It's used for "supragingival shoulder" preparation after the completion of the preparation of the "subgingival shoulder" with bur.



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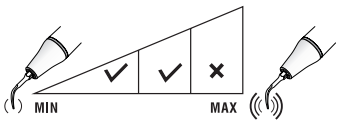
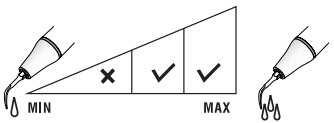


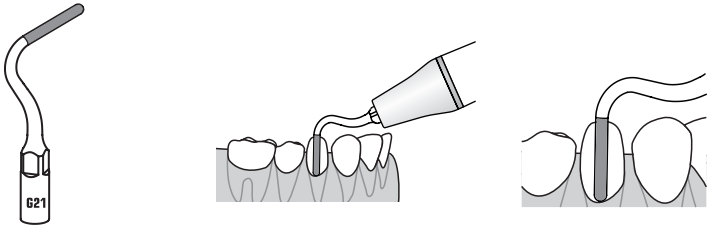
POWER



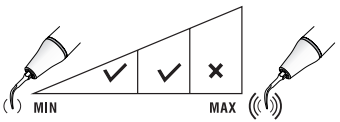
IRRIGATION

G21 (GD21)

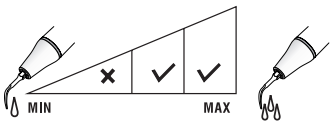
There are diamonds coated (50um fine sand) on the head of the tip for dentin abrading, mainly used for polishing of prepared supragingival shoulder and subgingival shoulder.



MODE: G



POWER

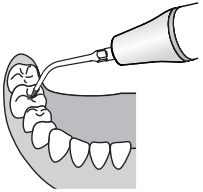


IRRIGATION

G30 (GD30)

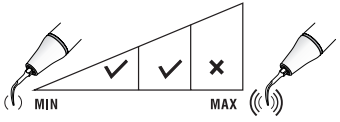
There are diamonds coated (90um) on the head of the tip, used for the preparation between pits and fissures.



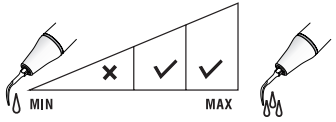




MODE: G



POWER

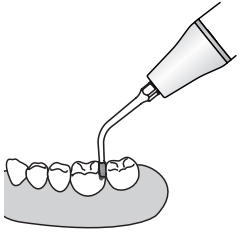


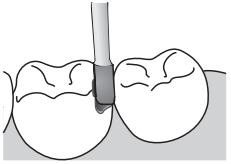
IRRIGATION

G31 (GD31)

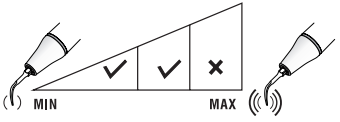
There are diamonds coated (90um) on the head of the tip, used for the preparation of the mesial cavity.



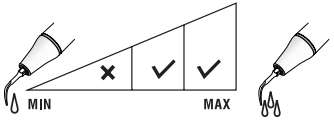




MODE: G



POWER

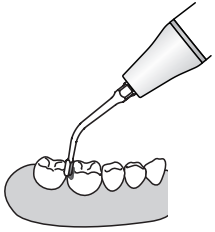


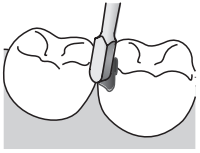
IRRIGATION

G32(GD32)

There are diamonds coated (90um) on the head of the tip, used for the preparation of the distal cavity.







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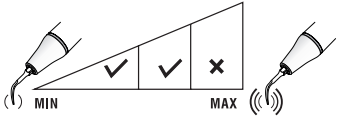

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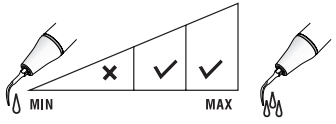
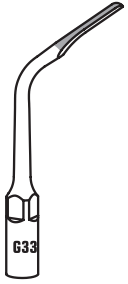
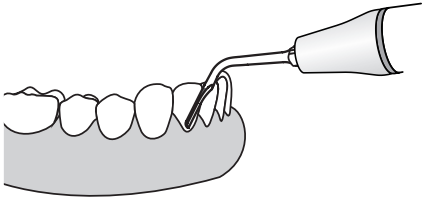


IRRIGATION

G33(GD33)

There are diamonds coated (90um) on the head of the tip, used for the preparation of the tooth veneers.





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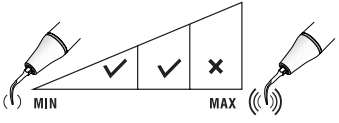

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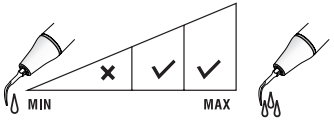
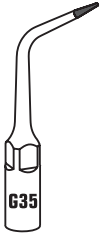
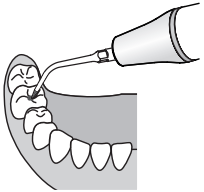


IRRIGATION

G35 (GD35)

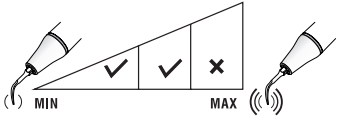
The tip head is coated with diamond and is cone-shaped. Used for the preparation between pits and fissures of children's teeth.
Adjust the tip power and water volume outside the mouth, and then place the tip into the patient's mouth. Start the machine and perform the cutting preparation with the tip extremity against the tooth treatment site.







MODE: G



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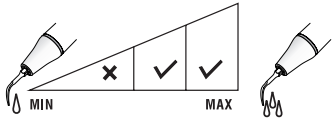
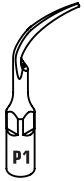
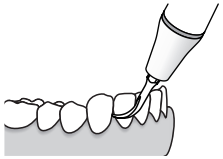


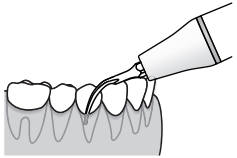
IRRIGATION

P1 (PD1/PS1)

Slim and sharp , recommended for cleaning and irrigating of subgingival deposits.

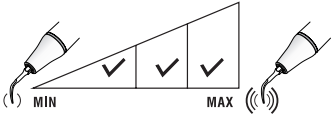






Demo Video

MODE: G



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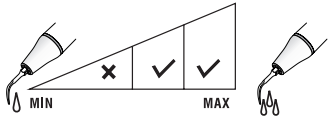
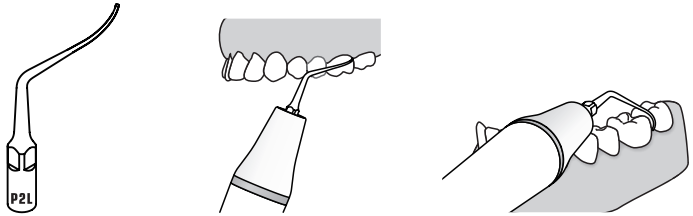


IRRIGATION

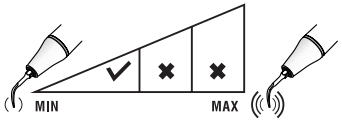
P2L(PD2L)

Left-angled, used to remove calculus from very narrow inter-root spaces and furcation.

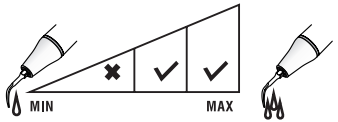


Demo Video

MODE: P



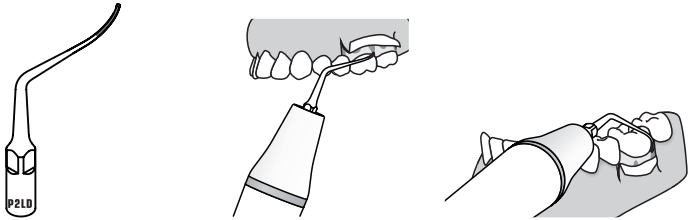
POWER



IRRIGATION

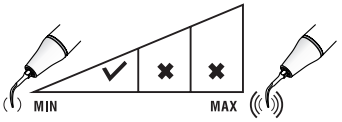
P2LD(PD2LD)

Left-angled, diamond-coated(40μm) instrument for root planing.

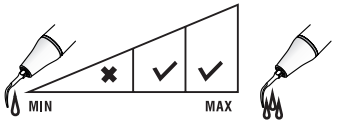


Demo Video

MODE: P



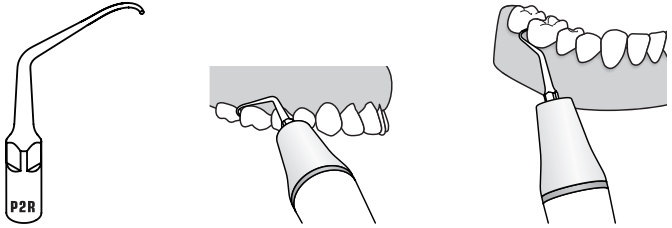
POWER



IRRIGATION

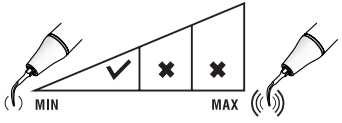
P2R(PD2R)

Right-angled, used to remove calculus from very narrow inter-root spaces and furcation.

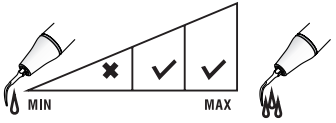


Demo Video

MODE: P



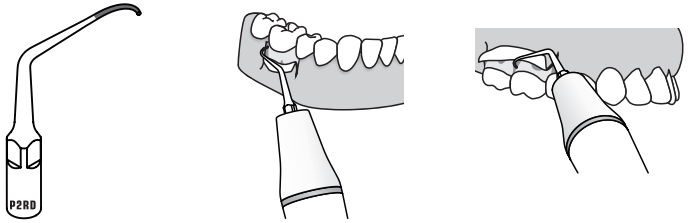
POWER



IRRIGATION

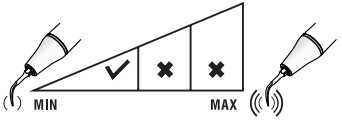
P2RD(PD2RD)

Right-angled, diamond-coated(40μm) instrument for root planing.

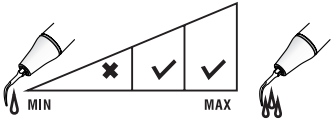


Demo Video

MODE: P



POWER



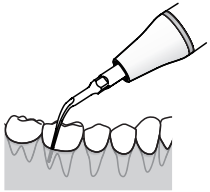
IRRIGATION

P3 (PD3/PS3)

Recommended for cleaning and irrigating of periodontal deep pockets.

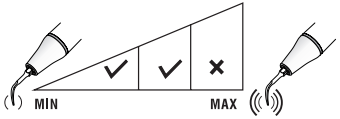




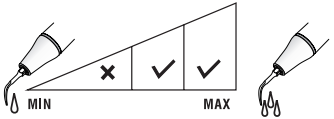


Demo Video

MODE: P



POWER

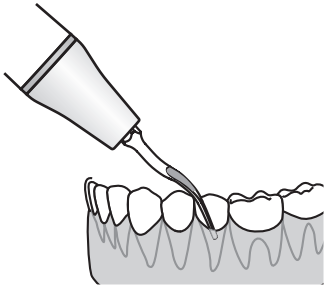


IRRIGATION

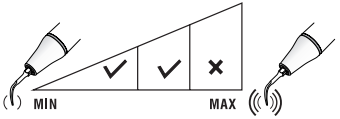
P3L (PD3L)

Left-angled, used for subgingival scaling.

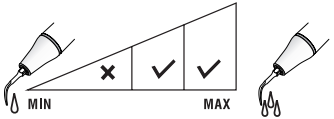




MODE: P



POWER

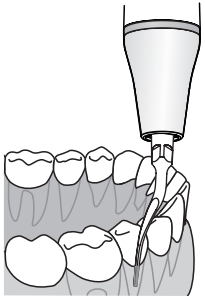


IRRIGATION

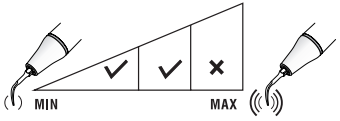
P3R(PD3R)

Right-angled, used for subgingival scaling.

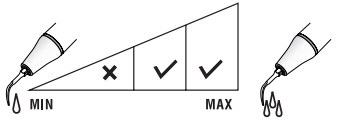




MODE: P



POWER

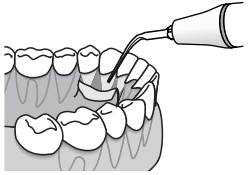


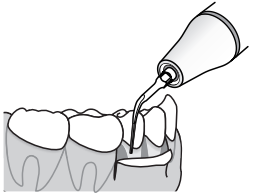
IRRIGATION

P3D(PD3D)

Diamond-coated(40μm) instrument for root planning after the periodontal flap surgery. It's also applied to edge planning of artificial crown and furcation expanding.

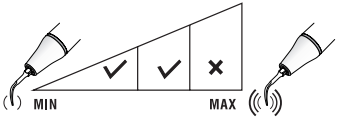




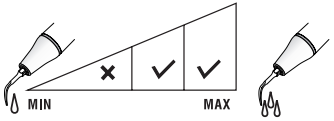


Demo Video

MODE: P



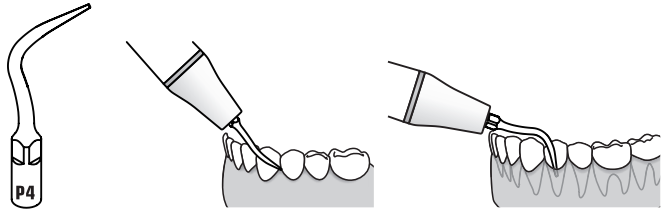
POWER



IRRIGATION

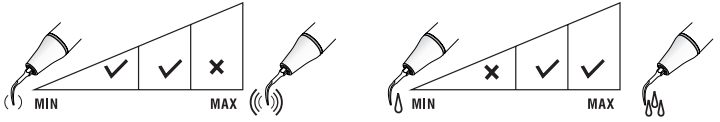
P4(PD4/PS4)

Recommended for cleaning and irrigating of periodontal shallow pockets.



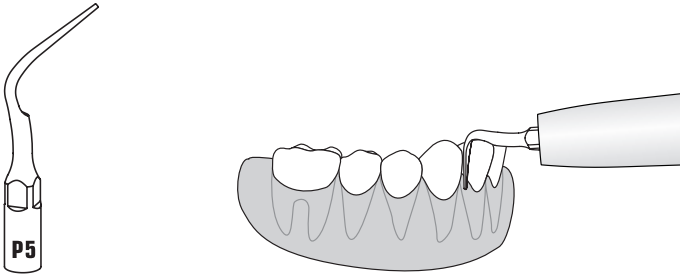
Demo Video

MODE: P

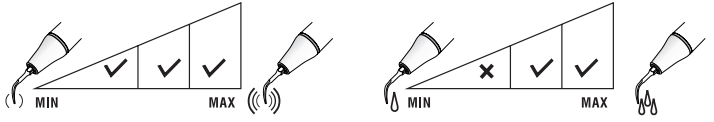


P5(PD5)

For removal of the tartar in the adjacent of teeth and Gingival margin of the neck.

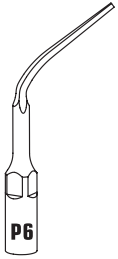


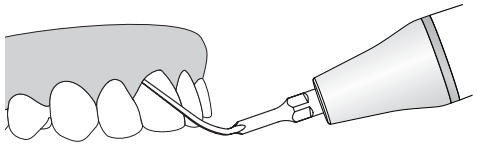
MODE: P



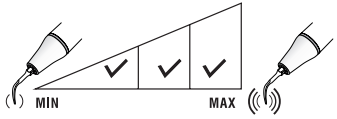
P6 (PD6)

Slim and sharp ,recommended for cleaning and irrigating of periodontal deep pockets.

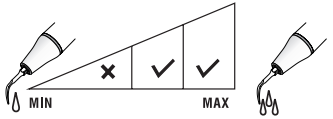




MODE: P



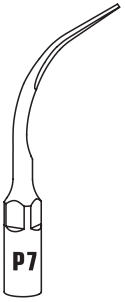
POWER

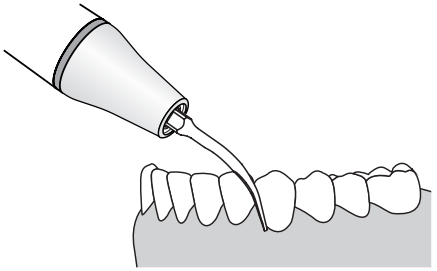


IRRIGATION

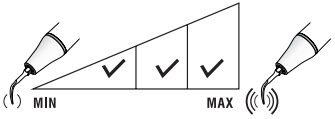
P7 (PD7)

Slim and sharp ,recommended for cleaning and irrigating of subgingival deposits.

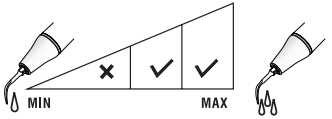




MODE: P



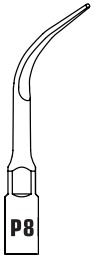
POWER

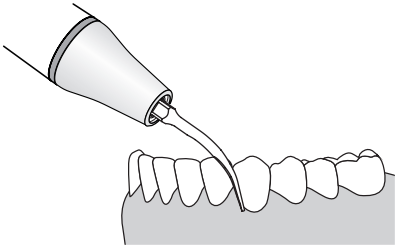


IRRIGATION

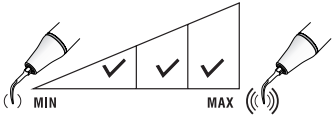
P8(PD8)

Function: used to remove the calculus at shallow periodontal pocket and treat the adjacent tooth surface and ditch area.
Features: The tip is flat and wide, which can be used to clean the teeth surface at subgingival 1/4 and the supragingival part.

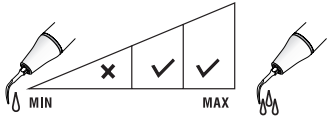




MODE: P



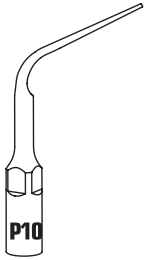
POWER

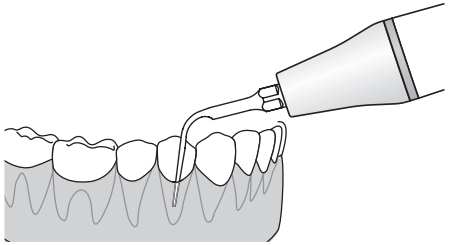


IRRIGATION

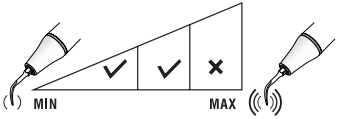
P10(PD10)

For gentle scaling and removal of tartar in the periodontal pocket.

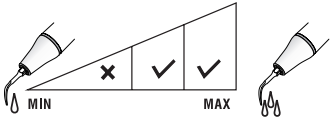




MODE: P



POWER



IRRIGATION

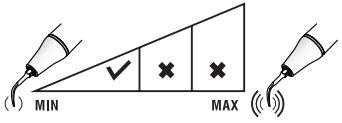
P11 (PD11)

For high efficient removal of the stubborn tartar in the subgingival.

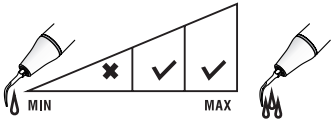




MODE: P



POWER

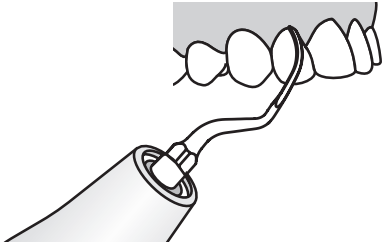


IRRIGATION

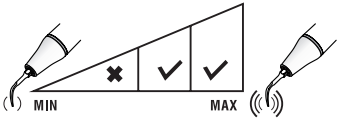
P12 (PD12)

With slim blade edge at the end of the tip, for high efficient removal of the stubborn tartar in posterior subgingival.

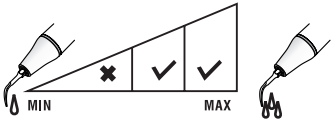




MODE: P



POWER

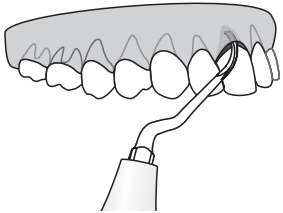


IRRIGATION

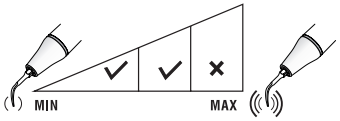
P14L(PD14L)

Left curved, with slim blade edge at the end of the tip, for high efficient removal of the stubborn tartar in posterior subgingival.

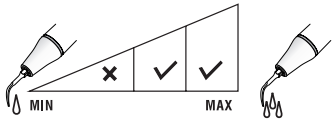




MODE: P



POWER

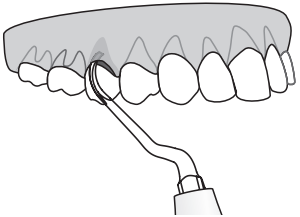


IRRIGATION

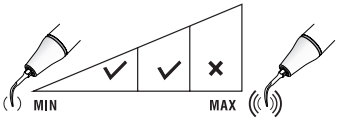
P14R(PD14R)

Right curved, with slim blade edge at the end of the tip, for high efficient removal of the stubborn tartar in posterior subgingival.

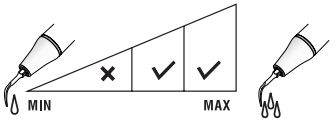




MODE: P



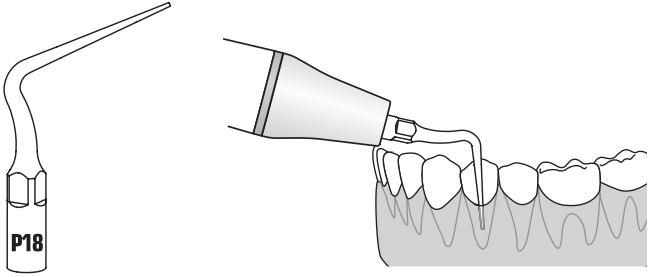
POWER



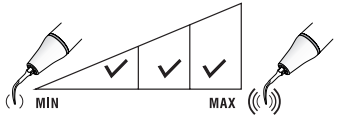
IRRIGATION

P18(PD18)

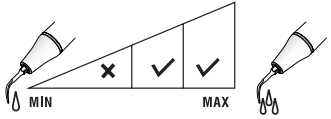
For probing the deep periodontal pocket tartar, and subgingival rinse after scaling.



MODE: P



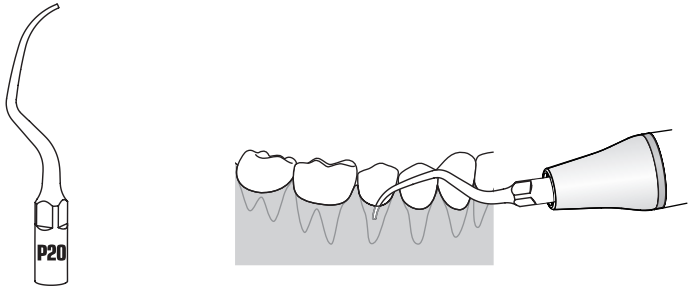
POWER



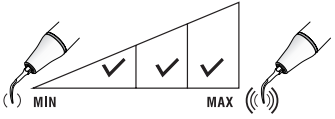
IRRIGATION

P20(PD20)

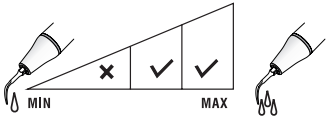
For removal of the tartar in the adjacent of teeth, gingival margin of the neck and the tartar within 3mm in the subgingival pocket.



MODE: P



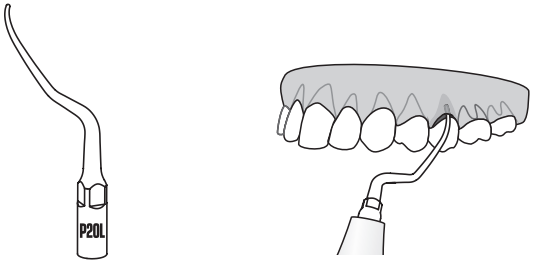
POWER



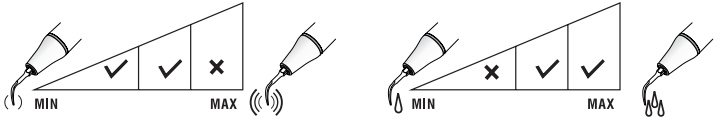
IRRIGATION

P20L(PD20L)

Left curved, for high efficient removal of the stubborn tartar in posterior subgingival.



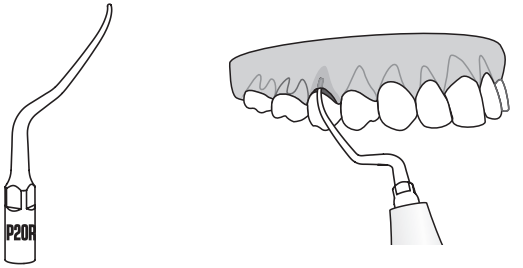
MODE: P



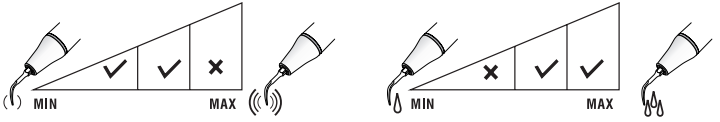
POWER **IRRIGATION**

P20R(PD20R)

Right curved, for high efficient removal of the stubborn tartar in posterior subgingival.



MODE: P

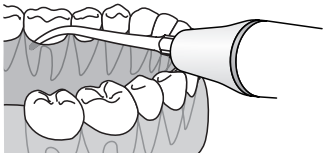


POWER **IRRIGATION**

P21L(PD21L)

Left curved, for the scaling of root bifurcation and root surface of adjacent of posterior teeth sector.

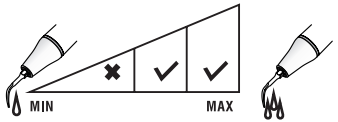




MODE: P



POWER

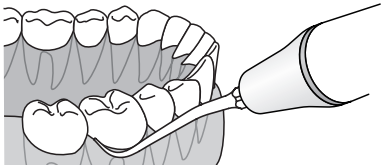


IRRIGATION

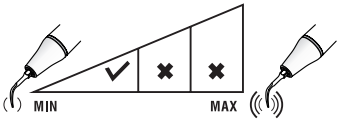
P21R(PD21R)

Right curved, for the scaling of root bifurcation and root surface of adjacent of posterior teeth sector.

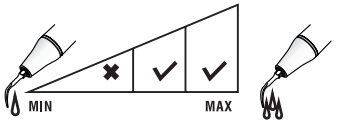




MODE: P



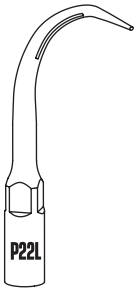
POWER

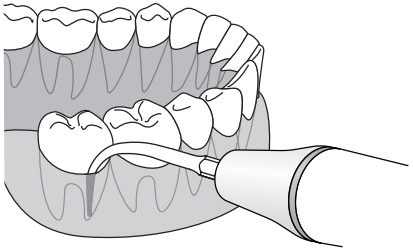


IRRIGATION

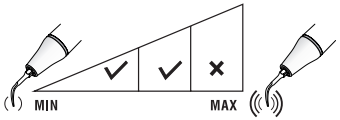
P22L(PD22L)

Left curved, the 12mm straight part can assure the complete removal of subgingival tartar and stains.

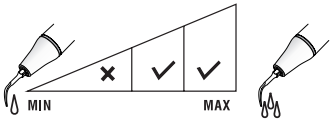




MODE: P



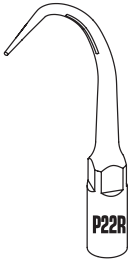
POWER

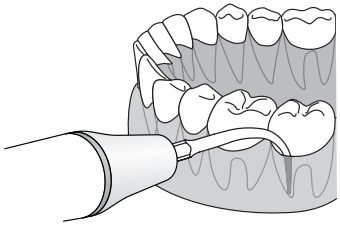


IRRIGATION

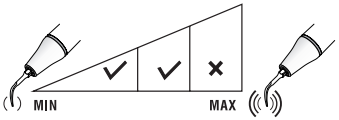
P22R(PD22R)

Right curved, the 12mm straight part can assure the complete removal of subgingival tartar and stains.

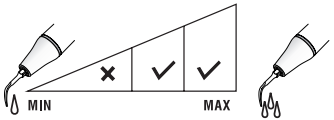




MODE: P



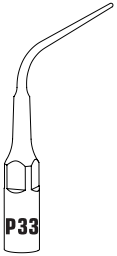
POWER

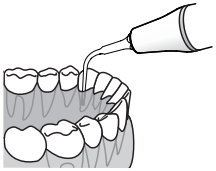


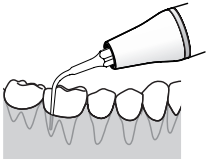
IRRIGATION

P33

Function: Used to remove calculus deep in the periodontal pocket and rinse the periodontal pocket. Features: The tip is slender and can be used for fine scaling of subgingival root surface.
Note:
(1) The tip is mainly used for treatment in deep periodontal pockets. During use, the power should be set as small as possible and cannot exceed the recommended power level.
(2) The tip has an irrigating function on the periodontal pocket. During operation, the water volume should be set as large as possible.



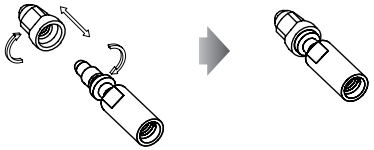




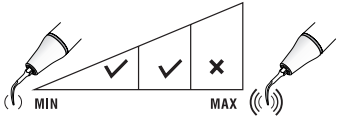
PD40

Function: It can be used as an adapter to hold the implant maintenance tips PD41, PD42, PD43Land PD43R to clean and maintain the implant.

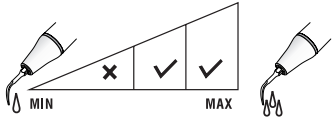




MODE: P

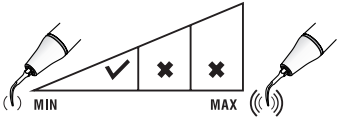


POWER

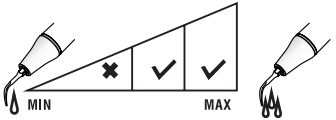


IRRIGATION

MODE: P



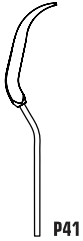
POWER

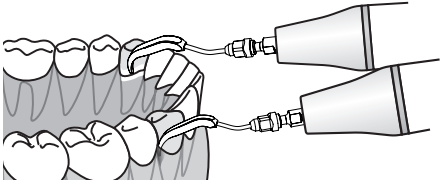


IRRIGATION

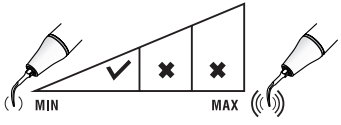
PD41

Function: For implant maintenance. It can be installed to PD40 adapter to realize the cleaning and maintenance of implant.
Size: Plastic head is of 15mm length
Features: The tip is of a slender hook shape, making it easier for subgingival cleaning and maintenance. Use:
a. Used in P mode of D600. Recommended power level: level 1~3. b. Used in P mode of S6. Recommended power level: level 1~6
Note:
(1) The plastic part is made of PEEK material which can be disinfected under high temperature and high pressure, the higher the power, the easier it is to wear;
(2) Avoid the tip stuck in the gap of the tooth during operation to avoid breaking the tip.





MODE: P



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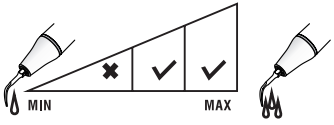
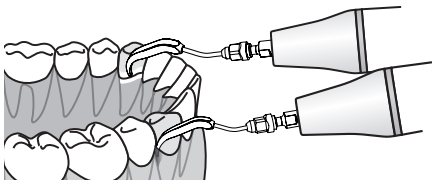


IRRIGATION

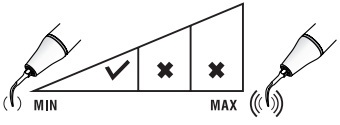
PD42

Function: For implant maintenance. It can be installed to PD40 adapter to realize the cleaning and maintenance of implant.
Size: Plastic head is of 19mm length
Features: The tip is of a slender hook shape, making it easier for subgingival cleaning and maintenance. Use:
a. Used in P mode of d600. Recommended power level: level 1~5.b. Used in P mode of S6. Recommended power level: level 1~9.
Note:
(1) The plastic part is made of PEEK material which can be disinfected under high temperature and high pressure, the higher the power, the easier it is to wear;
(2) Avoid the tip stuck in the gap of the tooth during operation to avoid breaking the tip.

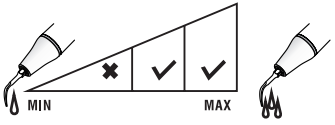




MODE: P



POWER



IRRIGATION

PD43L

Function: implant maintenance tip installed on PD40 adapter to realize the cleaning and maintenance of dental implants. Plastic head length: 21mm

Feature: The tip is of a slender hook shape, making it easier to clean and maintain in subgingival part. The tip end is twice bent, so it does not touch the adjacent teeth and buccal surface, enabling wider application areas.

Use:

Used in P mode of D600; recommended power level: level 1~8

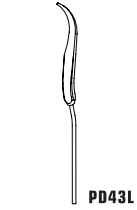
Used in P mode of S6; recommended power level: level 1~12

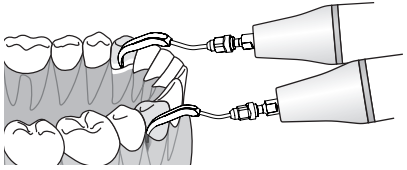
Used in P mode of ordinary scalers; recommended power level: low (level 1~3) Note:

(1) The plastic part is made of autoclavable PEEK material. The higher the power, the easier it is to wear.

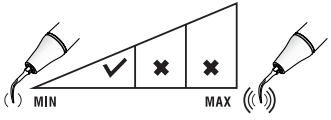
(2) Avoid the tip stuck in the gap of the tooth during operation to prevent breaking the tip.

(3) Before use, please make sure that the water output of handpiece is normal, and then install the tip to avoid damage to the tip.

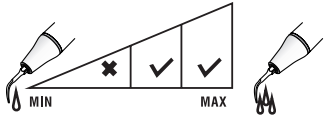




MODE: P



POWER



IRRIGATION

PD43R

Function: implant maintenance tip installed on PD40 adapter to realize the cleaning and maintenance of dental implants. Plastic head length: 21mm

Feature: The tip is of a slender hook shape, making it easier to clean and maintain in subgingival part. The tip end is twice bent, so it does not touch the adjacent teeth and buccal surface, enabling wider application areas.

Use:

Used in P mode of D600; recommended power level: level 1~8

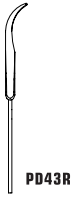
Used in P mode of S6; recommended power level: level 1~12

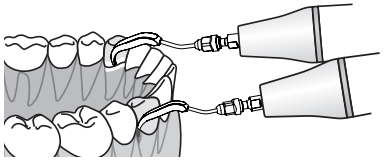
Used in P mode of ordinary scalers; recommended power level: low (level 1~3) Note:

(1) The plastic part is made of autoclavable PEEK material. The higher the power, the easier it is to wear.

(2) Avoid the tip stuck in the gap of the tooth during operation to prevent breaking the tip.

(3) Before use, please make sure that the water output of handpiece is normal, and then install the tip to avoid damage to the tip.

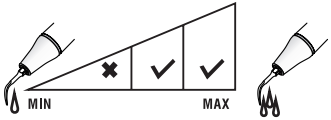




MODE: P



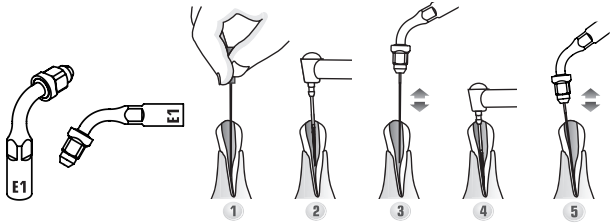
POWER



IRRIGATION

E1 (ED1/ES1)

120° holder, used to hold the file diameter Φ0.7mm or Φ0.8mm. Recommended for the cleaning and irrigating of the root canal, usually used for the anterior teeth.
Use only the provided flat wrench to tighten the file holders on the handpiece, as well as for gently tightening the files or instruments in the holder. Do not over tighten.
Do not tighten the holder nut when no file or instrument is installed as this may damage it.
Do not mix-install the holder with Φ0.7mm and Φ0.8mm file, the Φ0.8mm file will not be able to be installed after a Φ0.7mm file installed on the holder. Each Endo file is recommended to be used not more than 10 times.

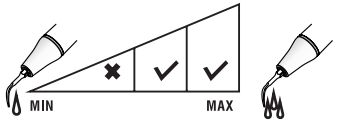


Demo Video

MODE: E



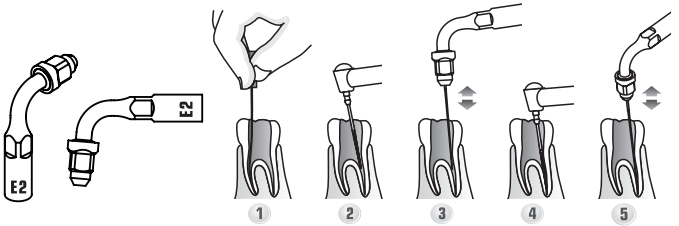
POWER



IRRIGATION

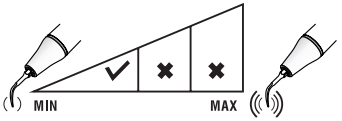
E2 (ED2/ES2)

95° holder, used to hold the file diameter Φ0.7mm or Φ0.8mm. Recommended for cleaning and irrigation of the root canal, usually used for the molar teeth.
Use only the provided flat wrench to tighten the file holders on the handpiece, as well as for gently tightening the files or instruments in the holder. Do not over tighten.
Do not tighten the holder nut when no file or instrument is installed as this may damage it.
Do not mix-install the holder with Φ0.7mm and Φ0.8mm file, the Φ0.8mm file will not be able to be installed after a Φ0.7mm file installed on the holder. Each Endo file is recommended to be used not more than 10 times.

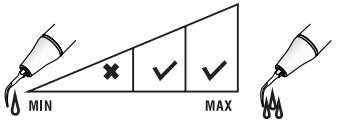


Demo Video

MODE: E



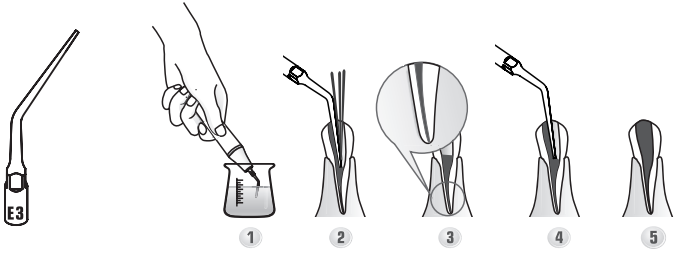
POWER



IRRIGATION

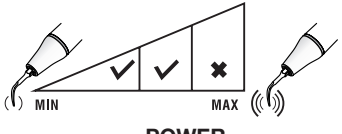
E3 (ED3/ES3)

Recommended for melting gutta-percha.
Immerse the instrument in eugenol before inserting it in the canal.
Slightly press the instrument against the cone of gutta-percha and activate the scaler to condense until the canal is filled.



Demo Video

MODE: E



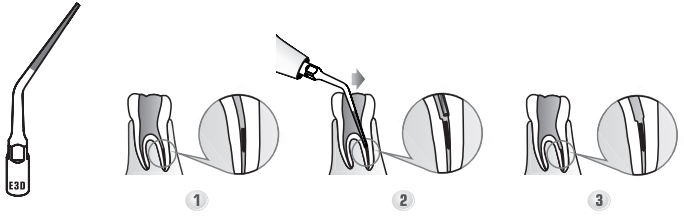
POWER



IRRIGATION

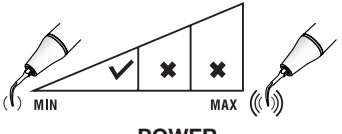
E3D (ES3D)

Recommended for melting gutta-percha.
Immerse the instrument in eugenol before inserting it in the canal.
Slightly press the instrument against the cone of gutta-percha and activate the scaler to condense until the canal is filled.



Demo Video

MODE: E



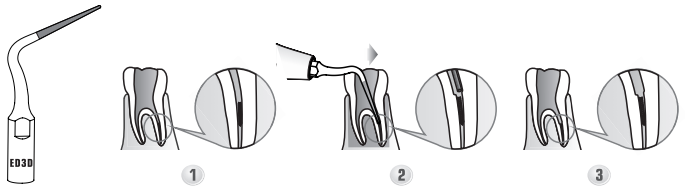
POWER



IRRIGATION

ED3D

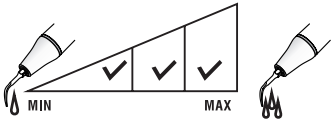
Diamond-coated(40μm) instrument for enlarging the root canal and access to files broken in the root canal.
Don't touch the broken file when enlarging the root canal in case putting it deeper in the canal.



MODE: E



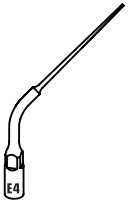
POWER

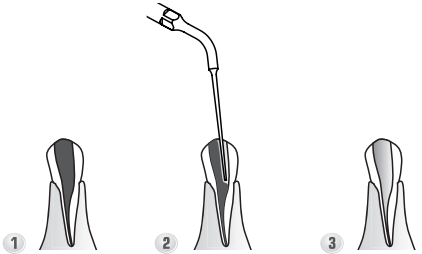


IRRIGATION

E4 (ED4/ES4)

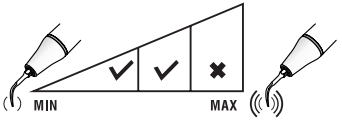
Used to remove the root filling obstructions during the root canal retreatment. The length of tip slender part is (22mm).





Demo Video

MODE: E



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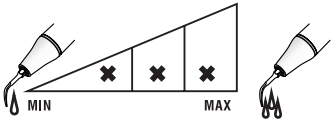
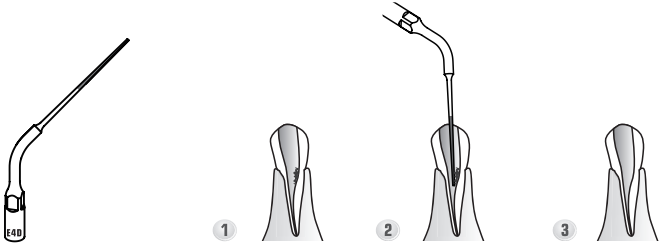


IRRIGATION

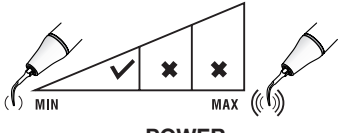
E4D (ED4D/ES4D)

Diamond-coated(40μm) instrument for removing the calcification and bad filling material in the root canal during the root canal retreatment. The length of the diamond-coated on tip is (15mm).



Demo Video

MODE: E



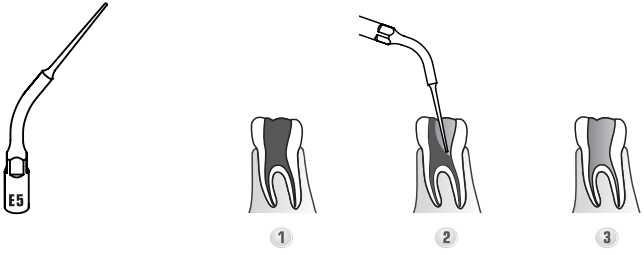
POWER



IRRIGATION

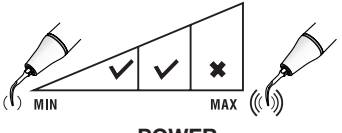
E5 (ED5/ES5)

Used to remove the root filling obstructions during the root canal retreatment. The length of tip slender part is (16mm).



Demo Video

MODE: E



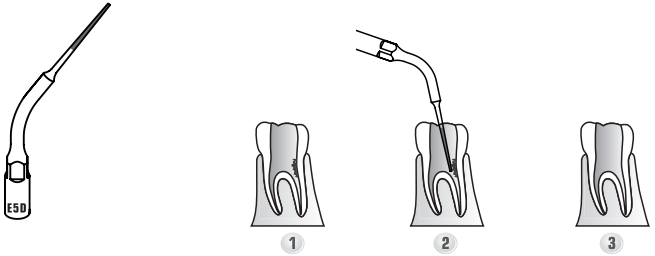
POWER



IRRIGATION

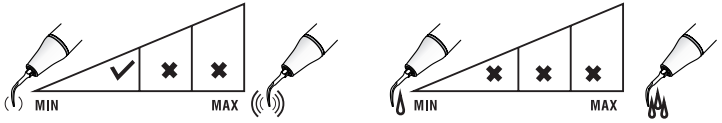
E5D(ED5D/ES5D)

Diamond-coated(40μm) instrument for removing the calcification and bad filling material in the root canal during the root canal retreatment. The length of the diamond-coated on tip is (10mm).



Demo Video

MODE: E

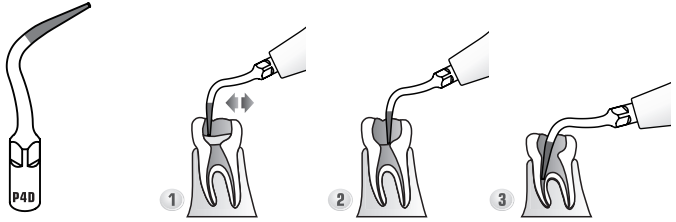


POWER **IRRIGATION**

P4D(PD4D/PS4D)

Diamond-coated(40μm) instrument for root canal orientation. It can also be applied to remove the calcifications located at the 1/3 part of root canal.

Don't press too much during the treatment to avoid hurting the root canal.



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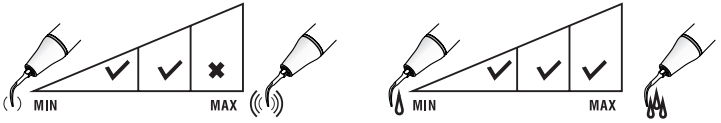
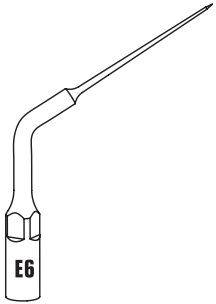
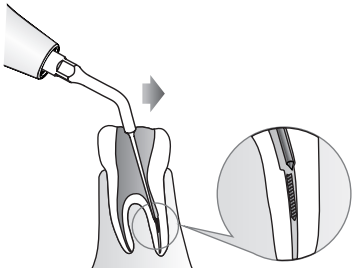


POWER **IRRIGATION**

E6 (ED6)

Thin and flexible, used for removing foreign body in deep canal.





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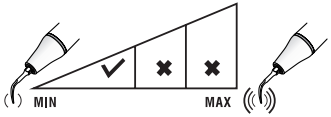
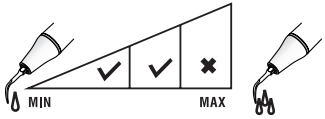


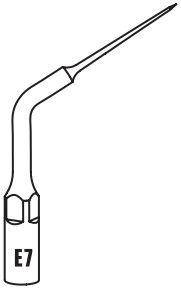
POWER

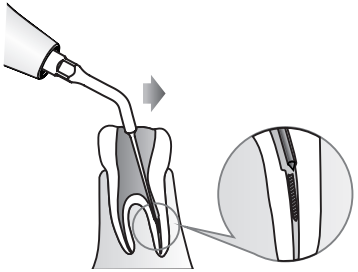


IRRIGATION

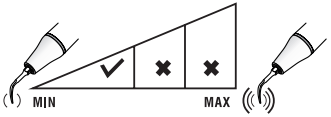
E7 (ED7)

Thin and flexible, used for removing foreign body in 1/3 canal.

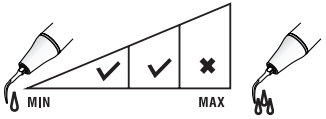




MODE: E



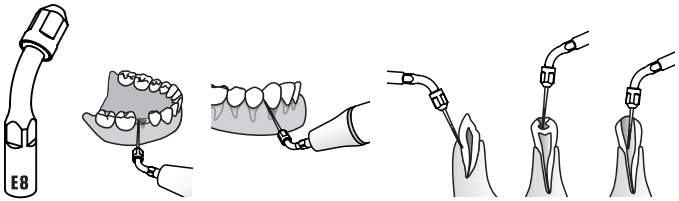
POWER



IRRIGATION

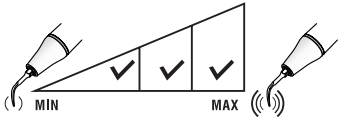
E8 (ED8/ES8/EK8)

Recommended for holding different types of dental bur to realize a variety of treatment on teeth. Usually used for the anterior teeth.
Special burs used for dental implant is applicable.

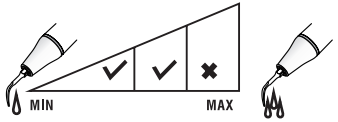


Demo Video

MODE: E



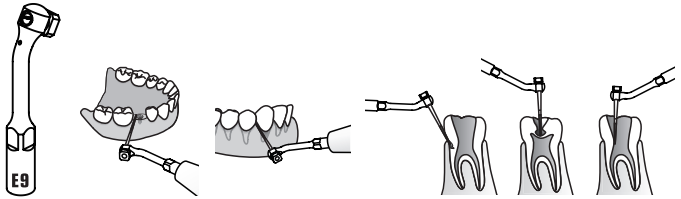
POWER



IRRIGATION

E9 (ED9)

Recommended for holding different types of dental bur to realize a variety of treatment on teeth. Usually used for the molar teeth.
Special burs used for dental implant is applicable.

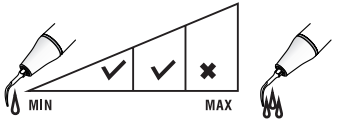


Demo Video

MODE: E



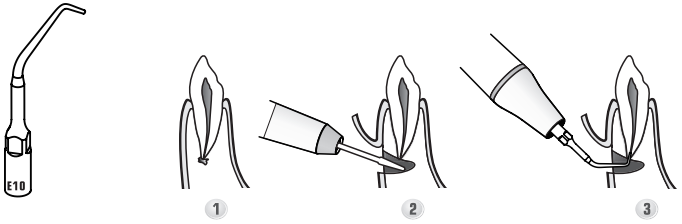
POWER



IRRIGATION

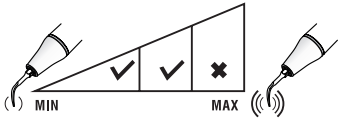
E10(ED10/ES10)

Water volume control: Ensure that the cooling water reaches the end of the tip.
Function: For the treatment of root bifurcation, removal of supragingival large calculus and plaque.
Applicable area: root bifurcation area, labial (buccal) surface and lingual (palatal)
surface of all teeth.



Demo Video

MODE: E



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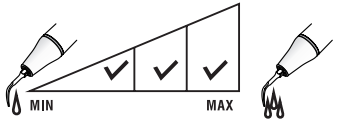
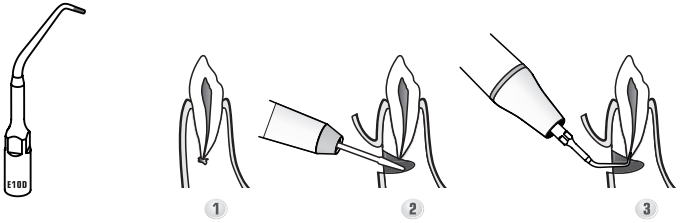


IRRIGATION

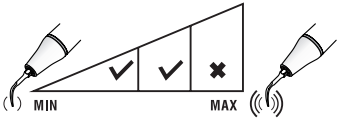
E10D(ED10D/ES10D)

Volume of water: Ensure the cooling water reach the end of the tip
Functional Description: For subgingival calculus probing, subgingival scaling and root planing
Applicable area: All teeth buccal and lingual site
Operation method:The tip is parallel to the long axis of the tooth. and ensure the 2 mm right or left tip niddle site adapt the tooth surface. Move the tip front and back.

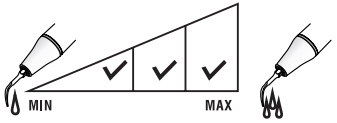


Demo Video

MODE: E



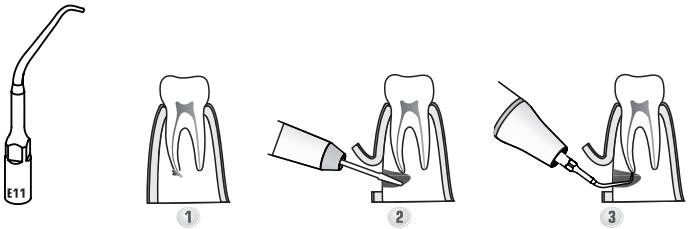
POWER



IRRIGATION

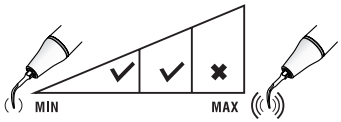
E11 (ED11/ES11)

Used to polish the root canal in the retrograde preparation of root canals. The length of tip slender part is (3.5mm).



Demo Video

MODE: E



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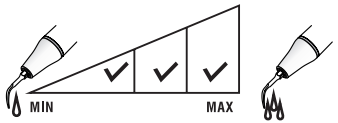
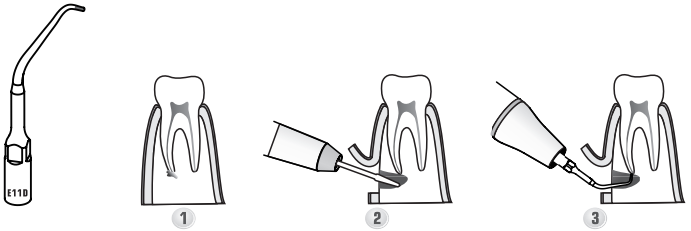


IRRIGATION

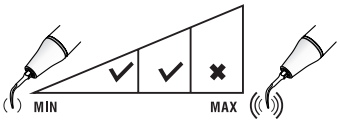
E11D (ED11D/ES11D)

Diamond-coated(40μm) instrument for high efficiency root planning in the retrograde preparation of root canals. The length of the diamond-coated on tip is (2.2mm).



Demo Video

MODE: E



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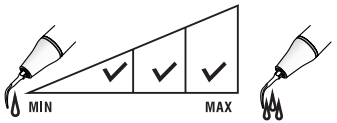
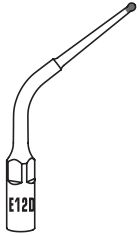


IRRIGATION

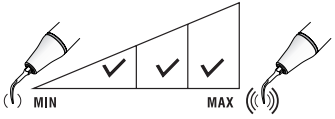
E12D(ED12D)

Diamond-coated(90um),used for removing the calcification and bad filling material of pulp cavity,exposing the root canal orifice.

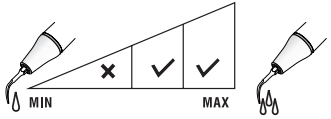




MODE: E



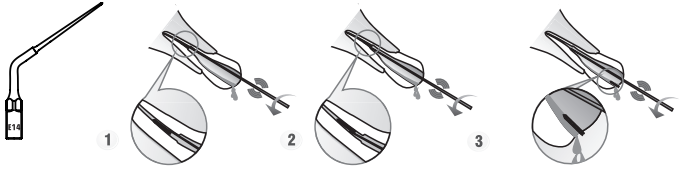
POWER



IRRIGATION

E14(ED14/ES14)

Instrument for the removal of broken files inside the root canal. The length of tip slender part is (22mm).
If possible place the patient's head in a position where the root canal is horizontal with a downward inclination. Rotate the tip of the instrument counterclockwise around the broken part until it is picked out from the root canal.
To avoid push the broken file deeper into the root canal, do not use pressure to the instrument in the axial direction.

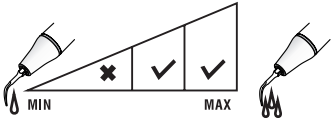


Demo Video

MODE: E



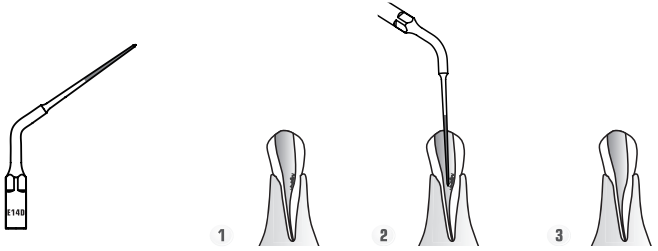
POWER



IRRIGATION

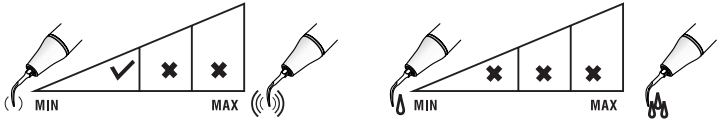
E14D(ED14D)

Diamond-coated(40um) instrument for removing the calcification and bad filling material in the root canal during the root canal retreatment. The length of the diamond-coated on tip is (15mm). With irrigation.



Demo Video

MODE: E

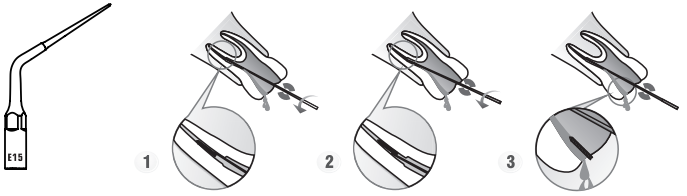


E15(ED15/ES15)

Instrument for the removal of broken files inside the root canal. The length of tip slender part is (16mm).

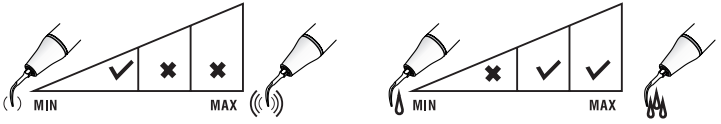
If possible place the patient's head in a position where the root canal is horizontal with a downward inclination. Rotate the tip of the instrument counterclockwise around the broken part until it is picked out from the root canal.

To avoid push the broken file deeper into the root canal, do not use pressure to the instrument in the axial direction.



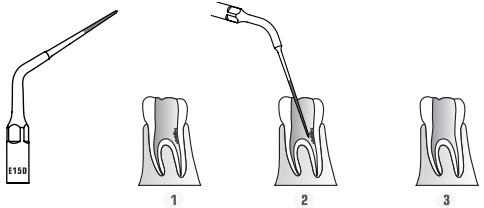
Demo Video

MODE: E



E15D(ED15D)

Diamond-coated(40um) instrument for removing the calcification and bad filling material in the root canal during the root canal retreatment. The length of the diamond-coated on tip is (10mm). With irrigation.

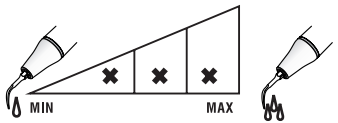


Demo Video

MODE: E



POWER



IRRIGATION

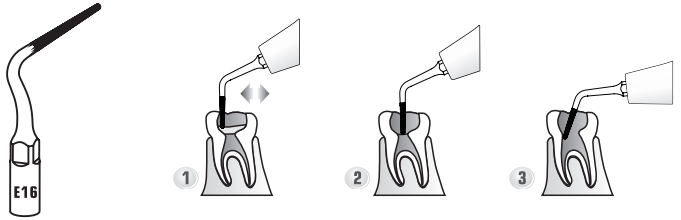
E16

Used for locating root canal, cleaning pulp chamber and enlarging root canal orifice. The tip end has 15 micro grooves for good cutting performance, but the smooth tip extremity surface can reduce the risk of perforation of the pulp chamber floor.

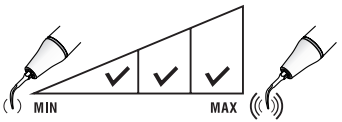
The front and back direction operation of the tip is more efficient.

When operating without water, follow the mode of “Work for 5~10 seconds and then stop for 2 seconds”. Open water every 60 seconds for cooling and rinsing.

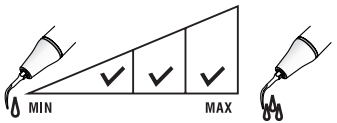
Note: Due to the strong cutting performance of this tip, it is recommended to use it with root canal microscope in order to prevent the perforation of the pulp chamber floor.



MODE: E



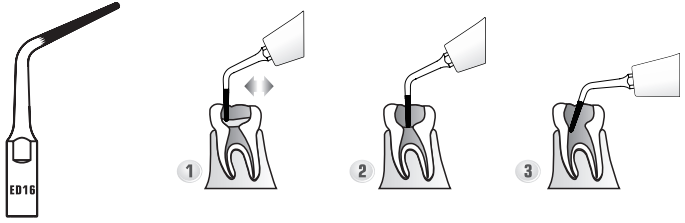
POWER



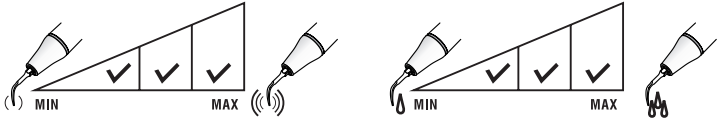
IRRIGATION

ED16

Used for locating root canal, cleaning pulp chamber and enlarging root canal orifice. The tip end has 15 micro grooves for good cutting performance, but the smooth tip extremity surface can reduce the risk of perforation of the pulp chamber floor.
The front and back direction operation of the tip is more efficient.
When operating without water, follow the mode of “Work for 5~10 seconds and then stop for 2 seconds”. Open water every 60 seconds for cooling and rinsing.
Note: Due to the strong cutting performance of this tip, it is recommended to use it with root canal microscope in order to prevent the perforation of the pulp chamber floor.



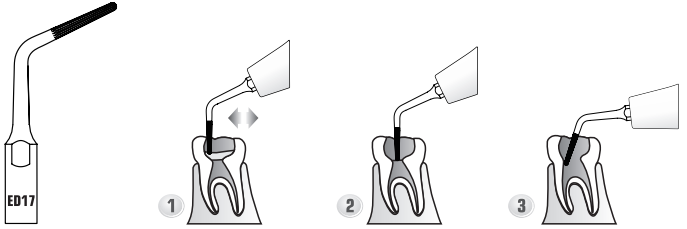
MODE: E



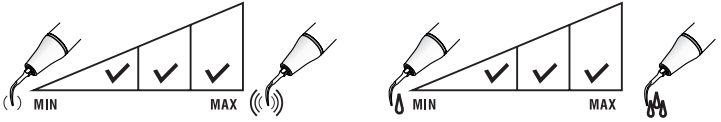
POWER **IRRIGATION**

ED17

Function: Used for root canal detection, pulp chamber cleaning, and orifice opening. Features: The tip has 15 micro-washers, and it is of good cutting performance. Back and forth motion of tip brings more efficient operation.
In the case of waterless operation, select the mode of “Work for 5~10 seconds and then stop for 2 seconds”, and open water every 60 seconds for cooling and rinsing.
Note:
(1) Due to the strong cutting performance of the tip, in order to prevent the penetration of the medullary cavity, it is recommended to use with a root canal microscope.



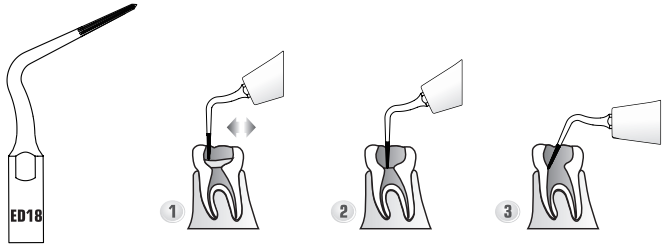
MODE: E



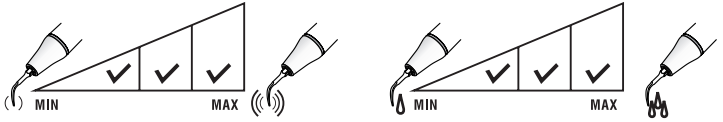
POWER **IRRIGATION**

ED18

Function: Used to determine the position of the root canal, remove the dentin, calcification and loose crown at the 1/3 crown of the root canal.
Features: The tip has 12 micro-washers, and it is of good cutting performance. Back and forth motion of tip brings more efficient operation.
In the case of waterless operation, select the mode of “Work for 5~10 seconds and then stop for 2 seconds”, and open water every 60 seconds for cooling and rinsing.
Note:
(1) Due to the strong cutting performance of the tip, in order to prevent the penetration of the medullary cavity, it is recommended to use with a root canal microscope.

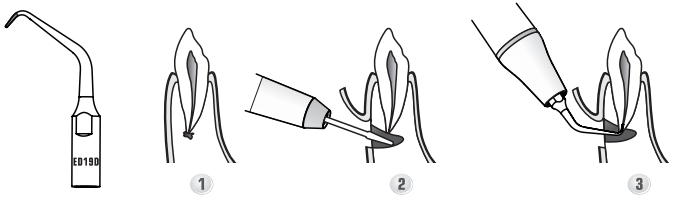


MODE: E

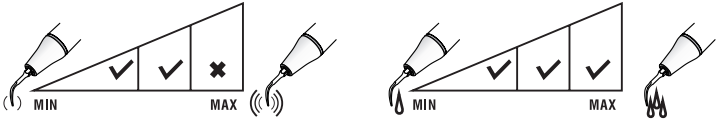


ED19D

Used for efficient apex modification in retropreparation. The length of diamond-coated part is 3mm, and the diameter of sand is 30μm.Normally used for retropreparation of front teeth.
Use:
Used in E mode of D600; recommended power level: level 1~7;
Used in E mode of S6; recommended power level: level 1~10.

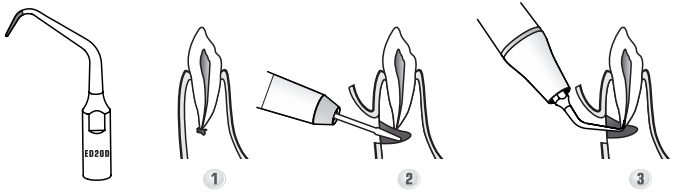


MODE: E

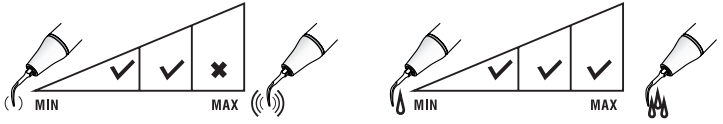


ED20D

Used for efficient apex modification in retropreparation. The length of diamond-coated part is 6mm, and the diameter of sand is 30μm. Normally used for retropreparation of front teeth.
Use:
Used in E mode of D600; recommended power level: level 1~7;
Used in E mode of S6; recommended power level: level 1~10.



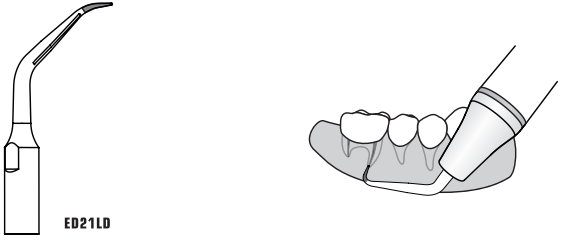
MODE: E



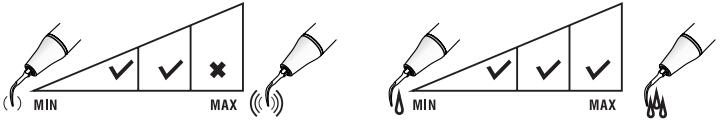
POWER **IRRIGATION**

ED21LD

Used for efficient apex modification in retropreparation. The length of diamond-coated part is 3mm, and the diameter of sand is 30μm. Bent to left. Used in premolars and molars.
Use:
Used in E mode of D600; recommended power level: level 1~6;
Used in E mode of S6; recommended power level: level 1~9.



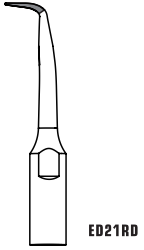
MODE: E

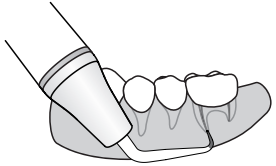


POWER **IRRIGATION**

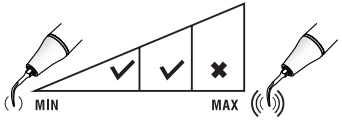
ED21RD

Used for efficient apex modification in retropreparation. The length of diamond-coated part is 3mm, and the diameter of sand is 30μm. Bent to right. Used in premolars and molars.
Use:
Used in E mode of D600; recommended power level: level 1~7;
Used in E mode of S6; recommended power level: level 1~10.

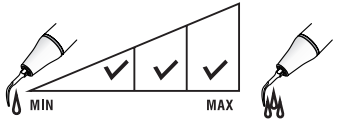




MODE: E



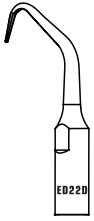
POWER



IRRIGATION

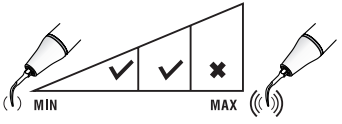
ED22D

Used for efficient apex modification in retropreparation. The length of diamond-coated part is 4mm, and the diameter of sand is 30μm. Used in molar teeth.
Use:
Used in E mode of D600; recommended power level: level 1~7;
Used in E mode of S6; recommended power level: level 1~10.

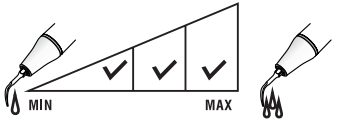




MODE: E



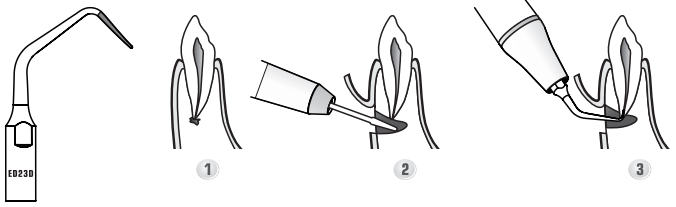
POWER



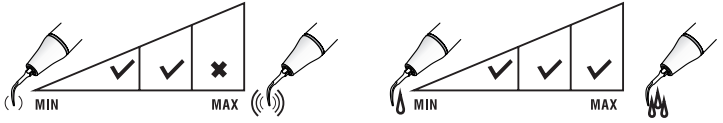
IRRIGATION

ED23D

Used for efficient apex modification in retropreparation. The length of diamond-coated part is 9mm, and the diameter of sand is 30μm. Mainly used in front teeth. Used for complicated case, and it can prepared to 9mm in retropreparation operation.
Use:
Used in E mode of D600; recommended power level: level 1~7;
Used in E mode of S6; recommended power level: level 1~10.

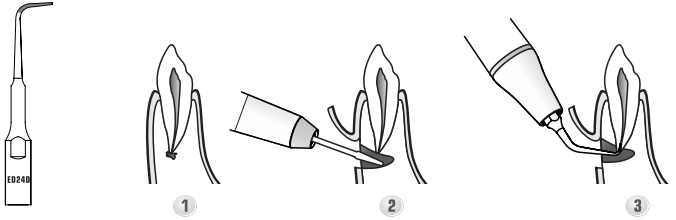


MODE: E

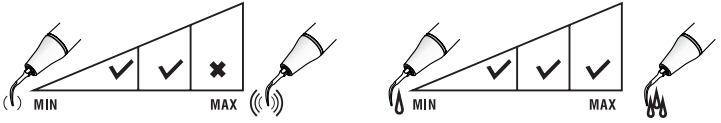


ED24D

Used for efficient apex modification in retropreparation. The length of diamond-coated part is 5mm, and the diameter of sand is 30μm. Mainly used in front teeth.
Use:
Used in E mode of D600; recommended power level: level 1~7;
Used in E mode of S6; recommended power level: level 1~10.



MODE: E



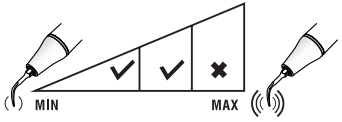
ED25LD

Used for efficient apex modification in retropreparation. The length of diamond-coated part is 5mm, and the diameter of sand is 30μm. Bent to left. Used in premolars and molars.
Use:
Used in E mode of D600; recommended power level: level 1~7;
Used in E mode of S6; recommended power level: level 1~10.

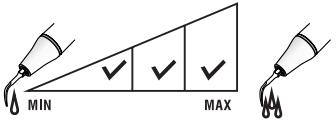




MODE: E



POWER

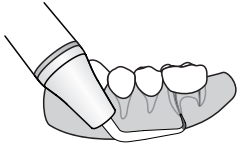


IRRIGATION

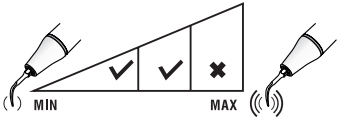
ED25RD

Used for efficient apex modification in retropreparation. The length of diamond-coated part is 5mm, and the diameter of sand is 30μm. Bent to right. Used in premolars and molars.
Use:
Used in E mode of D600; recommended power level: level 1~7;
Used in E mode of S6; recommended power level: level 1~10.

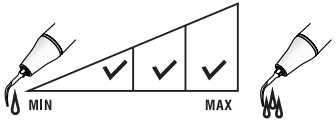




MODE: E



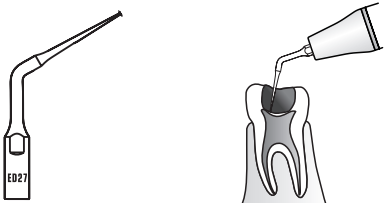
POWER



IRRIGATION

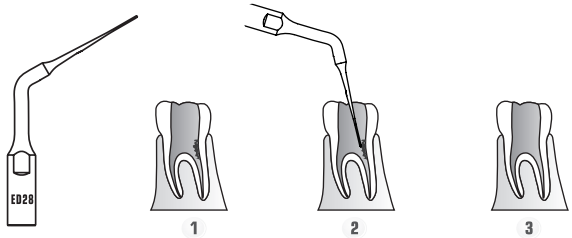
ED27

Finishing the pulp cavity and removing the calcification at the pulp chamber floor. The tip extremity is in the shape of a round sucker and the cutting effect comes from the edge of the sucker. There is no cutting effect in the axial direction, which can avoid perforation of the pulp chamber floor.
Place the tip on the active part and move the tip back and forth or left and right to perform cutting operation.
When operating without water, follow the mode of “Work for 5~10 seconds and then stop for 2 seconds”. Open water every 60 seconds for cooling and rinsing.

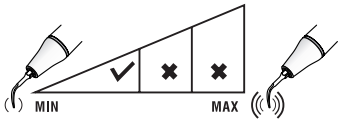


ED28

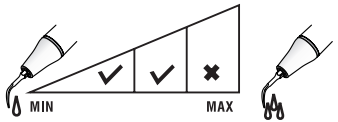
To locate and negotiate the root canal orifice. Tip extremity is pointed and conical. The 5mm part away from the tip extremity is a cylinder of Ø0.25mm.
Power level 1 in root canal treatment mode (E mode)
Place the tip on the active part and apply a small force along the axial direction of the tip end. When operating without water, follow the mode of “Work for 5~10 seconds and then stop for 2 seconds”. Open water every 60 seconds for cooling and rinsing.



MODE: E

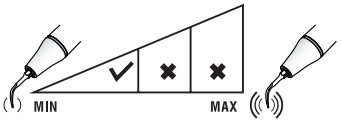


POWER

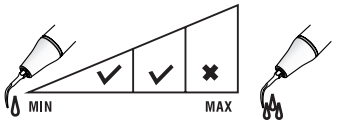


IRRIGATION

MODE: E



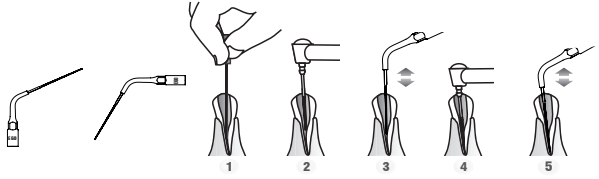
POWER



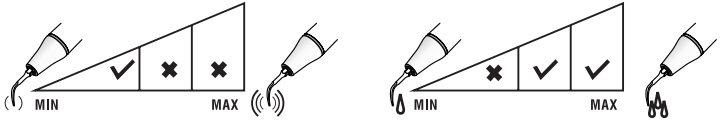
IRRIGATION

E60(ED60)

Features: Minimally invasive irrigation; the working part is spiral but not sharp, with basically no cutting ability, effectively avoiding the root canal shape from being destroyed, bringing efficient and safe operation.
Irrigating operation: Put the irrigating tip into the root canal, try to keep the tip unstressed, start the device for 20 seconds and then stop to clean the root canal. Generally, a root canal needs to be irrigated 3×20 seconds. Recommended service life: 30 ~ 50 root canals
Note: (1) In order to ensure the service life of the tip, it is recommended to use it according to the recommended method: first perform the external debugging, start the foot pedal under power level 1, ensure the water output is normal, and adjust the power within the power level limit (level 1~6) according to individual need to ensure that the water output can reach the tip end (the water can reach the tip end through adjusting water volume). After all the above steps, start root canal irrigation.
(2) During irrigation, in order to avoid instrument fracture, please prevent tip from getting stuck and vibrating in root canal.



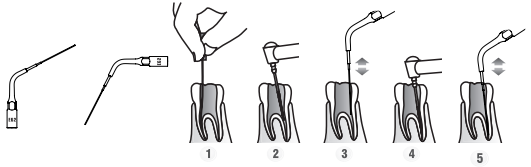
MODE: E



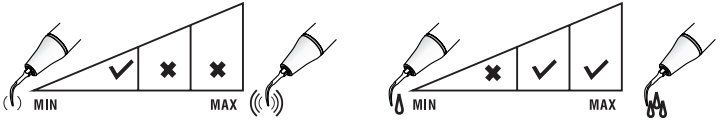
POWER **IRRIGATION**

E62(ED62)

Function: Used for irrigation of root canal after root canal preparation.
Dimensions: Ô0.3mm; taper 0%. Working part length: 16mm
Features: Minimally invasive irrigation; the surface of working part is smooth, with cutting ability, effectively avoiding the root canal shape from being destroyed, bringing safer operation.
Irrigating operation: Put the irrigating tip into the root canal, try to keep the needle unstressed, start the device for 20 seconds and then stop to clean the root canal. Generally, a root canal needs to be irrigated 3×20 seconds. Recommended service life: 30 ~ 50 root canals
Note: (1) In order to ensure the service life of the tip, it is recommended to use it according to the recommended method: first perform the external debugging, start the foot pedal under power level 1, ensure the water output is normal, and adjust the power within the power level limit (level 1~3) according to individual need to ensure that the water output can reach the tip end (the water can reach the tip end through adjusting water volume). After all the above steps, start root canal irrigation.
(2) During irrigation, in order to avoid instrument fracture, please prevent tip from getting stuck and vibrating in root canal.



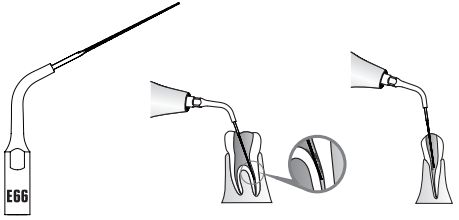
MODE: E



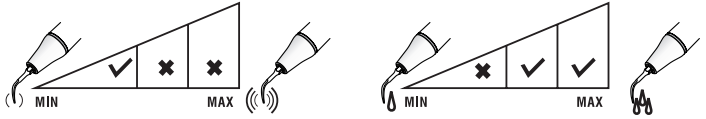
POWER **IRRIGATION**

E66(ED66)

Function: Used for irrigation of root canal after root canal preparation, so as to rinse out the debris. Dimensions: Diameter of file tip: Ô0.15mm; taper 2%; length of thread working part: 16mm
Features: The working part has a sharp K-shaped spiral shape, which has strong cutting ability. It can effectively clean out the debris in root canal by using it under low power. Recommended service life: 30~50 root canals Note: (1) In order to ensure the service life of the tip, it is recommended to use it according to the recommended method: first perform the external debugging, start the foot pedal under power level 1, ensure the water output is normal, and adjust the power (level 1~3) according to individual need to ensure that the water output can reach the tip end (the water can reach the tip end through adjusting water volume). After all the above steps, start root canal irrigation. (2) During irrigation, in order to avoid instrument fracture, please prevent tip from getting stuck and vibrating in root canal. (3) The top edge of ED66 tip is sharp. Please pay special attention to the operation at high power during the irrigation. Otherwise it will cause non-therapeutic damage to the root canal wall.



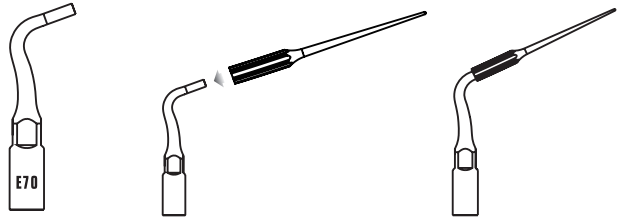
MODE: E



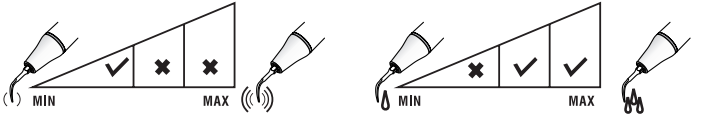
POWER **IRRIGATION**

E70(ED70/EK70)

Endochuck, used to install E71, E72, E73 or E74 for root canal cleaning or irrigation. Power level 1-3 in E mode of Ultrasonic Scaler. Used for root canal irrigation after the root canal preparation.
The working part is made of polymer material with no cutting ability, which effectively prevents the root canal morphology from being damaged.
At the same time, the problem of instrument separation can be solved effectively and safely.
Put the irrigation tip into the root canal (make sure that there is solution in the root canal as much as possible), start the machine, and lift the tip up and down in a small range for irrigation (ensure that the tip end be located below the root canal orifice). After 20 seconds, stop for root canal cleaning.
Generally, a root canal needs to be irrigated for 3 times, 20 seconds each time. One tip can be used for the treatment of maximum 6 root canals.



MODE: E

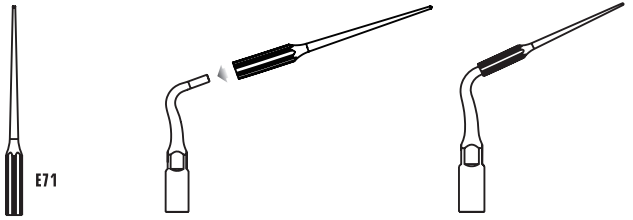


POWER **IRRIGATION**

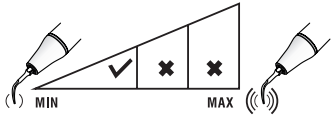
E71

Used for root canal irrigation after the root canal preparation. Autoclavable. The working part is made of polymer material with no cutting ability, which effectively prevents the root canal morphology from being damaged. At the same time, the problem of instrument separation can be solved effectively and safely.Power level 1-3 in E mode of Ultrasonic Scaler.

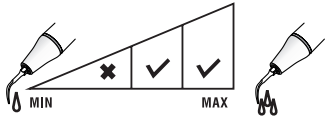
Put the irrigation tip into the root canal (make sure that there is solution in the root canal as much as possible), start the machine, and lift the tip up and down in a small range for irrigation (ensure that the tip end be located below the root canal orifice). After 20 seconds, stop for root canal cleaning. Generally, a root canal needs to be irrigated for 3 times, 20 seconds each time. One tip can be used for the treatment of maximum 6 root canals.



MODE: E



POWER

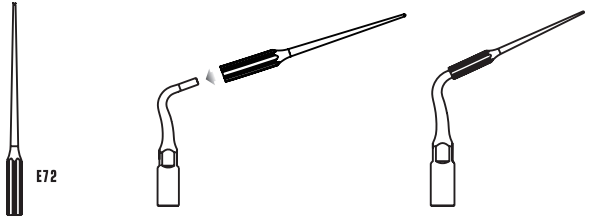


IRRIGATION

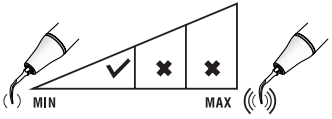
E72

Used for root canal irrigation after the root canal preparation. Autoclavable. The working part is made of polymer material with no cutting ability, which effectively prevents the root canal morphology from being damaged. At the same time, the problem of instrument separation can be solved effectively and safely.Power level 1-3 in E mode of Ultrasonic Scaler.

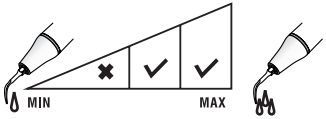
Put the irrigation tip into the root canal (make sure that there is solution in the root canal as much as possible), start the machine, and lift the tip up and down in a small range for irrigation (ensure that the tip end be located below the root canal orifice). After 20 seconds, stop for root canal cleaning. Generally, a root canal needs to be irrigated for 3 times, 20 seconds each time. One tip can be used for the treatment of maximum 6 root canals.



MODE: E



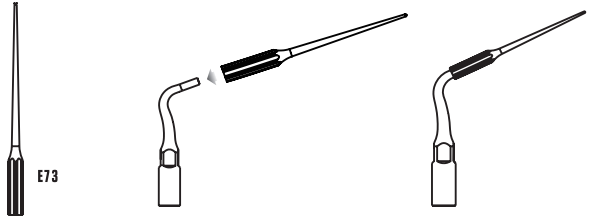
POWER



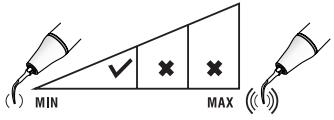
IRRIGATION

E73

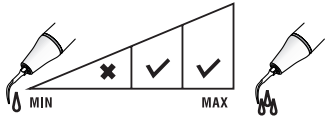
Used for root canal irrigation after the root canal preparation. Autoclavable. The working part is made of polymer material with no cutting ability, which effectively prevents the root canal morphology from being damaged. At the same time, the problem of instrument separation can be solved effectively and safely.Power level 1-3 in E mode of Ultrasonic Scaler.



MODE: E



POWER

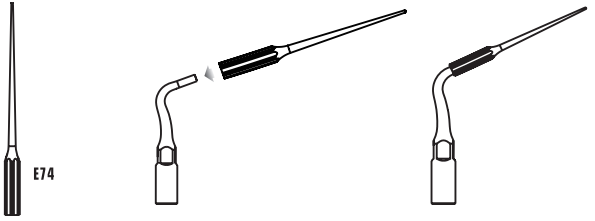


IRRIGATION

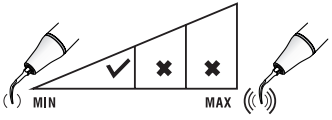
E74

Used for root canal irrigation after the root canal preparation. Autoclavable. The working part is made of polymer material with no cutting ability, which effectively prevents the root canal morphology from being damaged. At the same time, the problem of instrument separation can be solved effectively and safely.Power level 1-3 in E mode of Ultrasonic Scaler.

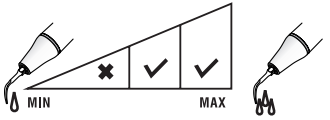
Put the irrigation tip into the root canal (make sure that there is solution in the root canal as much as possible), start the machine, and lift the tip up and down in a small range for irrigation (ensure that the tip end be located below the root canal orifice). After 20 seconds, stop for root canal cleaning. Generally, a root canal needs to be irrigated for 3 times, 20 seconds each time. One tip can be used for the treatment of maximum 6 root canals.



MODE: E



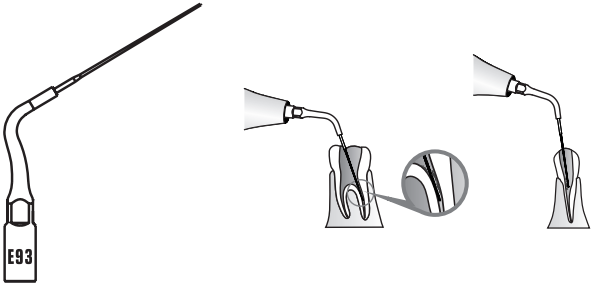
POWER



IRRIGATION

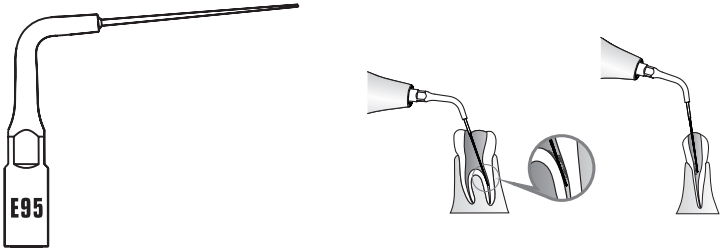
E93

Function: Used for root canal irrigation after the root canal preparation.
Dimensions: Smooth tip, 20#, taper 1%, tip end length 21.5mm.
Material: Ni-Ti



E95

Function: Used for root canal irrigation after the root canal preparation.
Dimensions: Smooth tip, 20#, taper 2%, tip end length 18mm. Material: Stainless steel



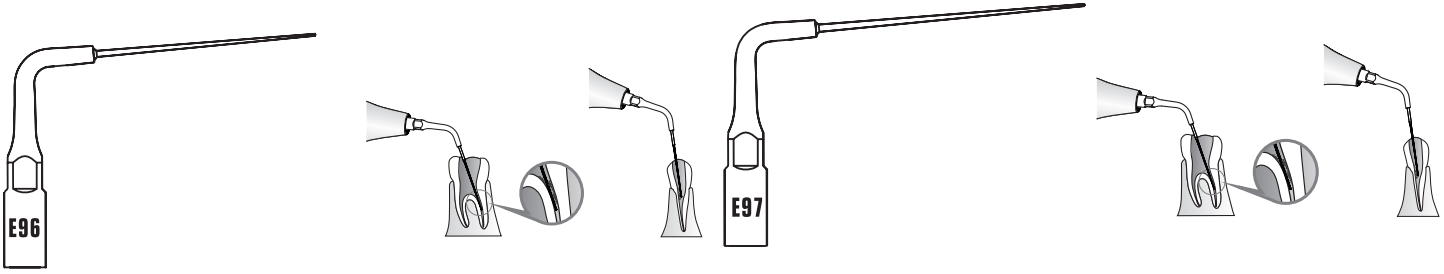
(Only suitable for Ultrasonic Endo Activator)

E96

Function: Used for root canal irrigation after the root canal preparation. Dimensions: Smooth tip, 20#, taper 2%, tip end length 21mm. Material: Stainless steel

E97

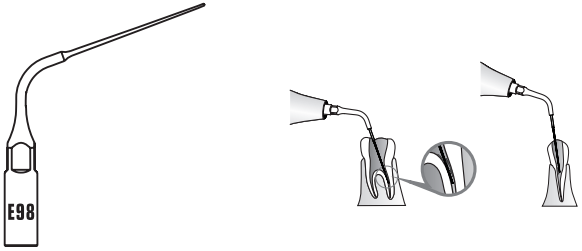
Function: Used for root canal irrigation after the root canal preparation. Dimensions: Smooth tip, 20#, taper 2%, tip end length 25mm. Material: Stainless steel



(Only suitable for Ultrasonic Endo Activator)

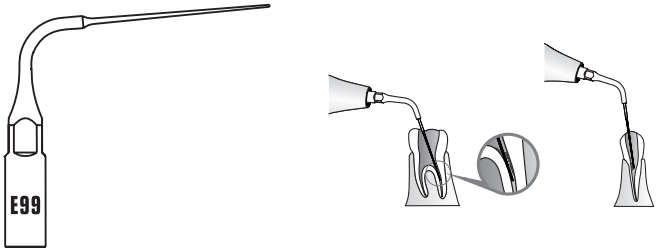
E98

Function: Used for root canal irrigation after the root canal preparation.
Dimensions: Smooth tip, 25#, taper 2%, tip end length 18mm. Material: Ni-Ti



E99

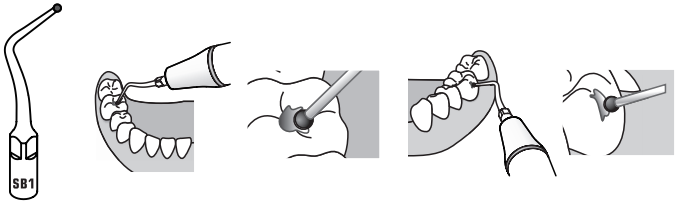
Function: Used for root canal irrigation after the root canal preparation.
Dimensions: Smooth tip, 20#, taper 2%, tip end length 18mm. Material: Ni-Ti



(Only suitable for Ultrasonic Endo Activator)

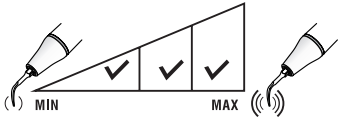
SB1 (SBD1)

Diamond-coated(85μm) instrument for removing the caries on oeclusal surface of teeth and dental neck.
Place the instrument on the pit and move slowly into it with light pressure.

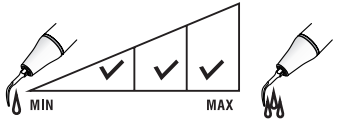


Demo Video

MODE: P



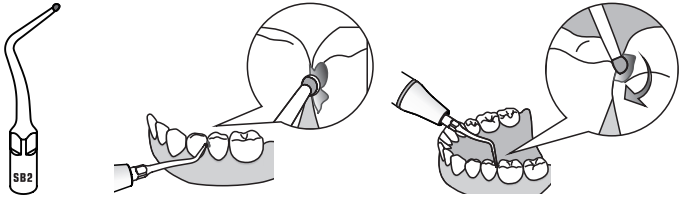
POWER



IRRIGATION

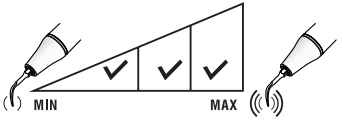
SB2 (SBD2)

Diamond-coated(85μm) instrument for removing the caries on Mesial surface of the adjacent teeth.

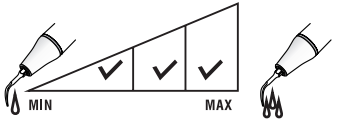


Demo Video

MODE: P



POWER



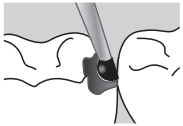
IRRIGATION

SB3(SBD3)

Diamond-coated(85μm) instrument for removing the caries on Distal surface of the adjacent teeth.

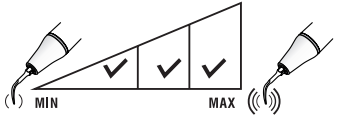




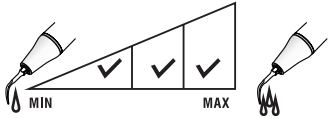


Demo Video

MODE: P



POWER

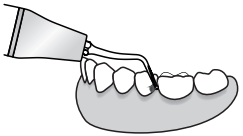


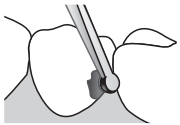
IRRIGATION

SBL(SBDL)

Diamond-coated(85μm) instrument for removing the dental caries, it will not hurt the adjacent teeth from right to left 45 degree.

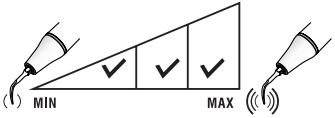




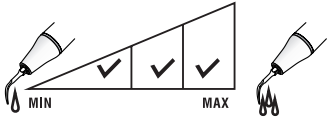


Demo Video

MODE: P



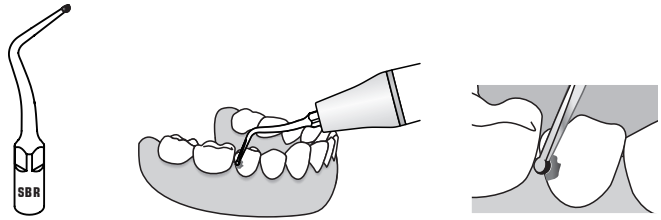
POWER



IRRIGATION

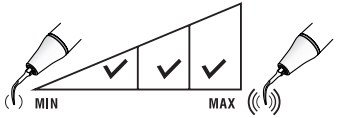
SBR(SBDR)

Diamond-coated(85μm) instrument for removing the dental caries, it will not hurt the adjacent teeth from left to right 45 degree.

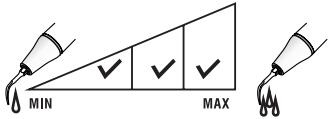


Demo Video

MODE: P



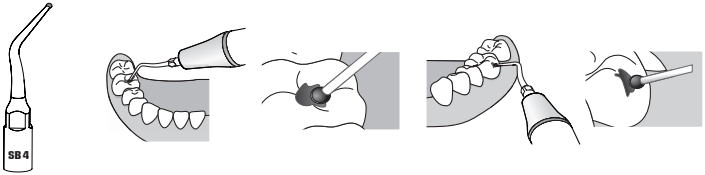
POWER



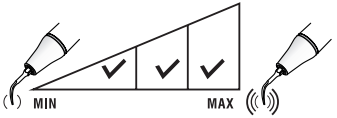
IRRIGATION

SB4

Used to remove dental caries at upper and lower occlusal surfaces and neck of teeth.



MODE: P



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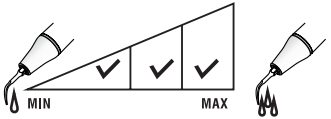
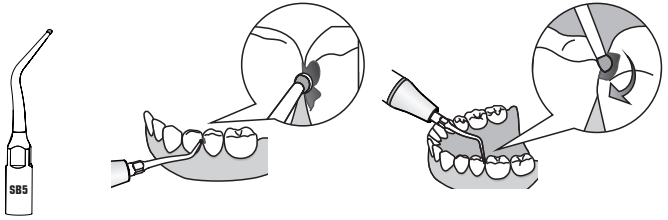


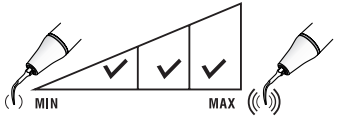
IRRIGATION

SB5(SBD5)

Used to remove the mesial surface caries of adjacent teeth. Diamond-coated tip head (90μm) (except internal part); the adjacent teeth will not be hurt during mesial cavity preparation.



MODE: P



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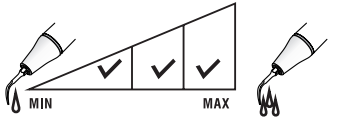
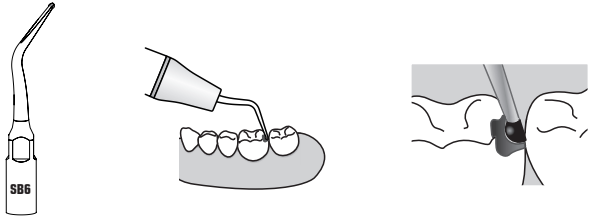


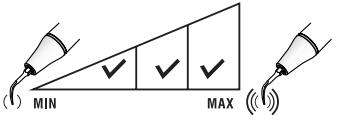
IRRIGATION

SB6(SBD6)

Used to remove the mesial surface caries of adjacent teeth. Diamond-coated tip head (90μm) (except external part); the adjacent teeth will not be hurt during mesial cavity preparation.



MODE: P



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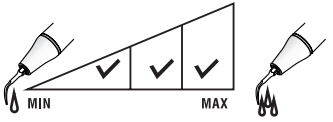
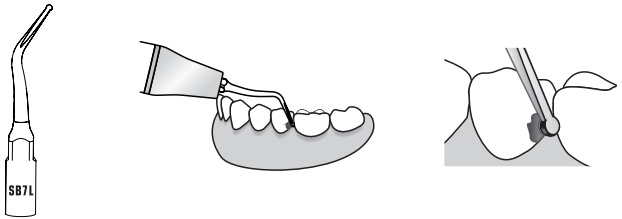


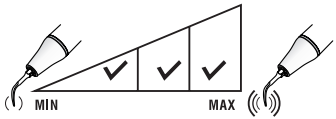
IRRIGATION

SB7L(SBD7L)

Used to remove the proximal surface caries. Diamond-coated (90μm) tip with round head. The adjacent teeth will not be hurt while accessing the caries part in 45 ° from left side.



MODE: P



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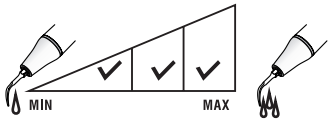
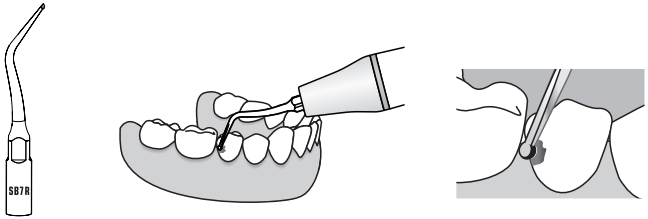


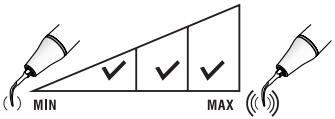
IRRIGATION

SB7R(SBD7R)

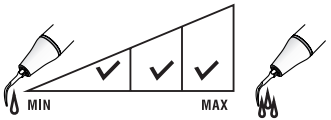
Used to remove the proximal surface caries. Diamond-coated (90μm) tip with round head. The adjacent teeth will not be hurt while accessing the caries part in 45 ° from right side.



MODE: P



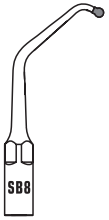
POWER

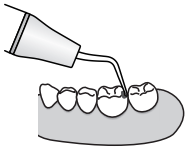


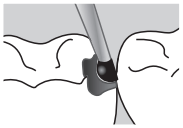
IRRIGATION

SB8 (SBD8)

The round surface of the tip end is diamond-coated (85µm), which is used to remove caries from adjacent tooth surfaces.
Place the diamond-coated surface of the tip end in the cavity, and gently apply pressure and slowly rotate it.

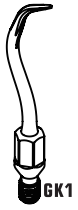


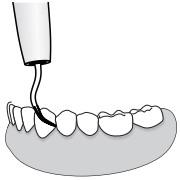


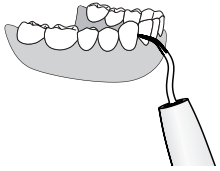


GK1

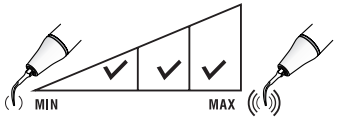
Removal of supragingival deposits in all quadrants.







MODE: P



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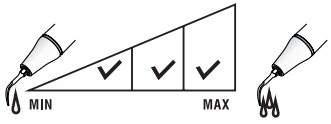

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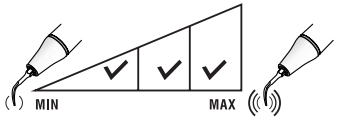

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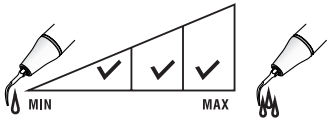
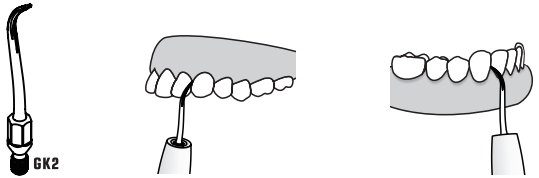
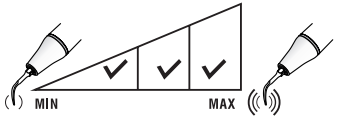


IRRIGATION

GK2

Removal of supragingival heavy calculus and plaque.





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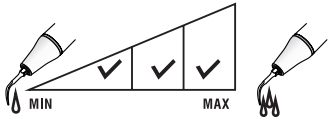
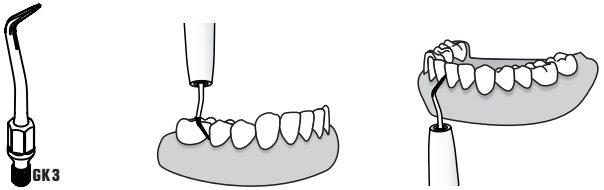
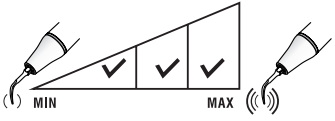


IRRIGATION

GK3

Removal of supragingival calculus, interdental calculus and calculus at the neck of the teeth.





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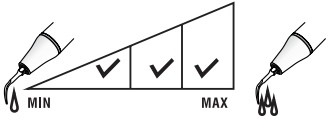
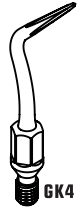
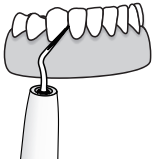


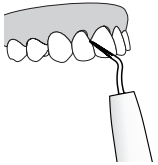
IRRIGATION

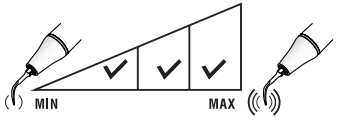
GK4

Removal of supragingival deposits, including the interproximal and sulcus areas.









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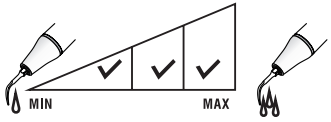
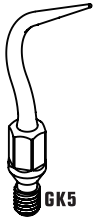
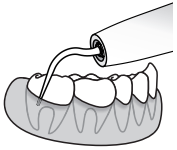


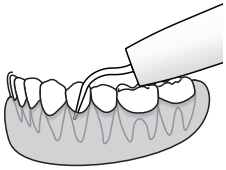
IRRIGATION

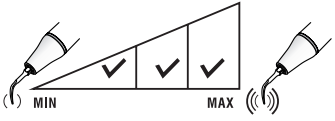
GK5

Removal of subgingival calculus.









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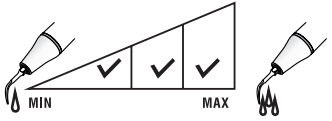
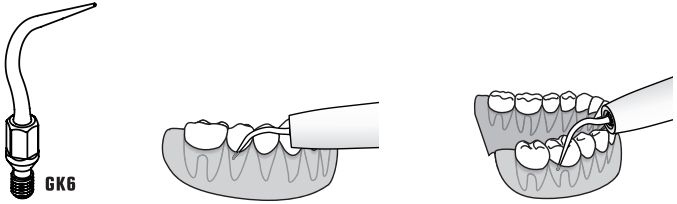
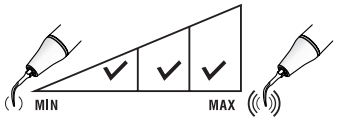


IRRIGATION

GK6

Left-angled, removal of subgingival calculus.





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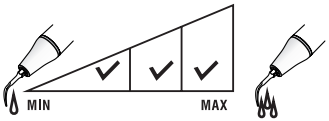
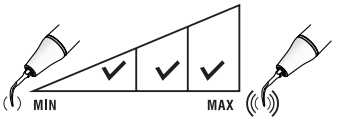


IRRIGATION

GK7

Right-angled, removal of subgingival calculus.





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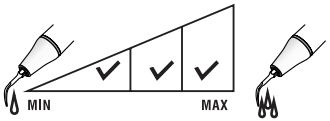
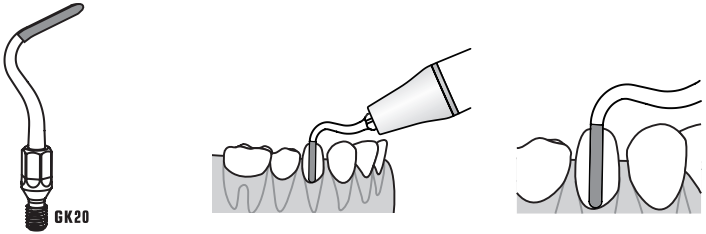


IRRIGATION

GK20

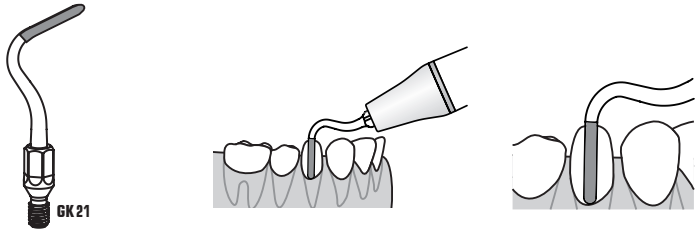
There are diamonds coated (120um grit) on the head of the tip for dentin abrading.

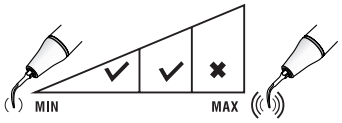
It's used for "supragingival shoulder" preparation after the completion of the preparation of the "subgingival shoulder" with bur.



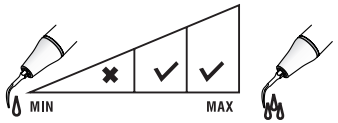
GK21

There are diamonds coated (50um fine sand) on the head of the tip for dentin abrading, mainly used for polishing of prepared supragingival shoulder and subgingival shoulder.

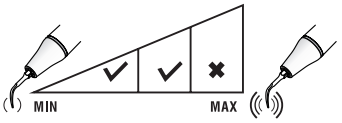




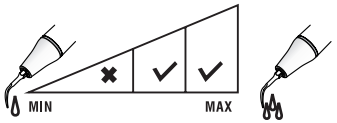
POWER



IRRIGATION



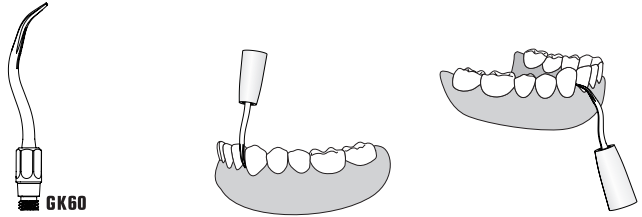
POWER

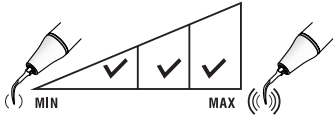


IRRIGATION

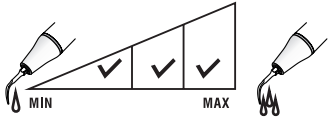
GK60

Removal of supragingival deposits in all quadrants.





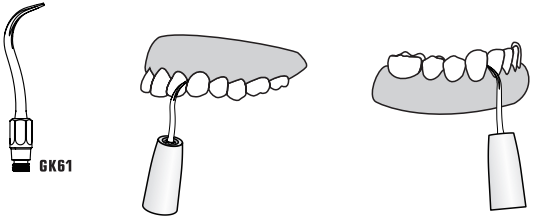
POWER

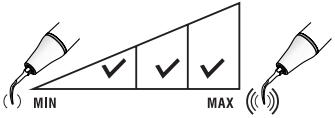


IRRIGATION

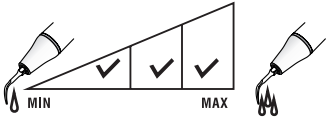
GK61

Removal of supragingival heavy calculus and plaque.





POWER

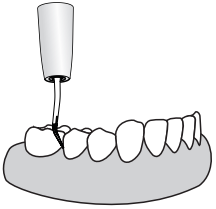


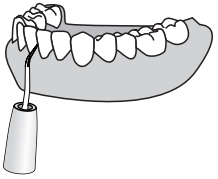
IRRIGATION

GK62

Removal of supragingival calculus, interdental calculus and calculus at the neck of the teeth.



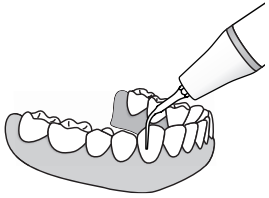


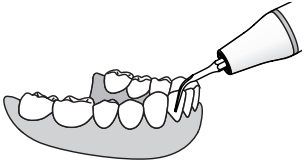


GC1

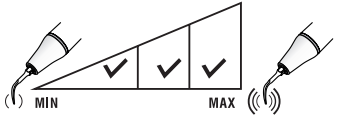
Removal of supragingival deposits in all quadrants.



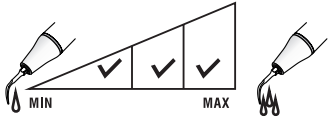




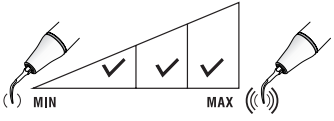
MODE: G



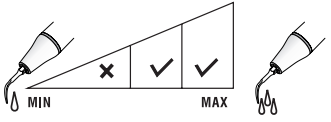
POWER



IRRIGATION



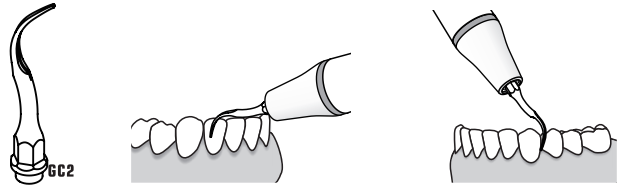
POWER



IRRIGATION

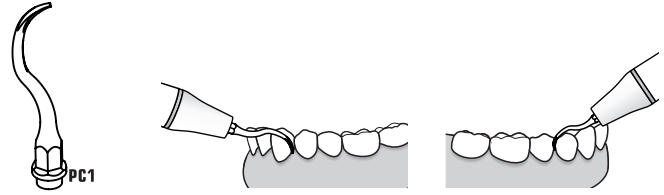
GC2

Removal of supragingival calculus, interdental calculus and calculus at the neck of the teeth.

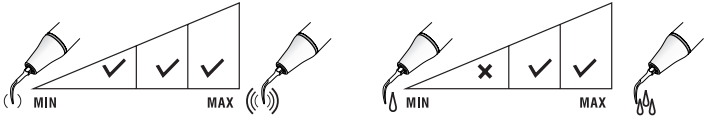


PC1

Removal of subgingival calculus, including the interproximal and sulcus areas.

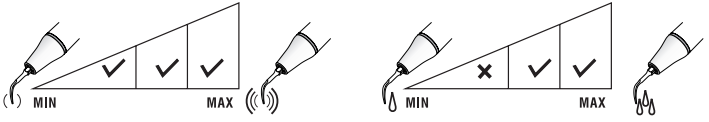


MODE: G



POWER **IRRIGATION**

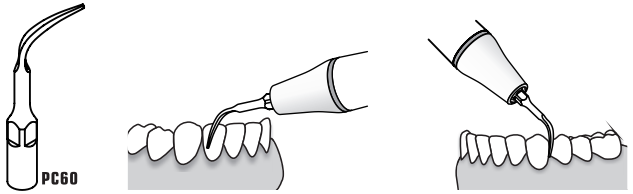
MODE: P



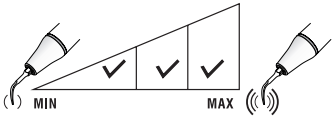
POWER **IRRIGATION**

PC60

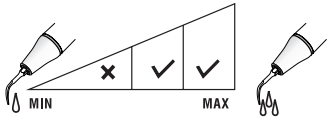
Recommended for the treatment of interproximal spaces and for supragingival scaling.



MODE: P



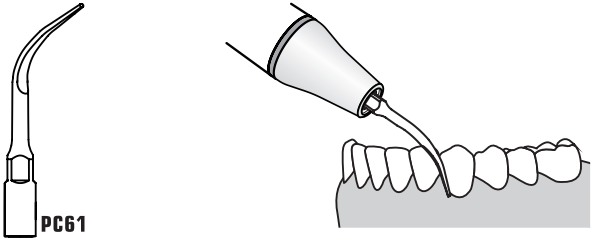
POWER



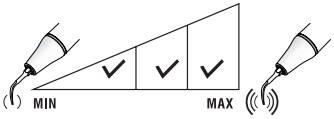
IRRIGATION

PC61

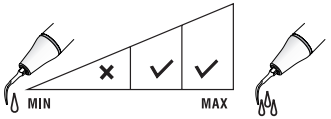
Function: used to remove the calculus at shallow periodontal pocket and treat the adjacent tooth surface and ditch area.
Features: The tip is flat and wide, which can be used to clean the teeth surface at subgingival 1/4 and the supragingival part.



MODE: P



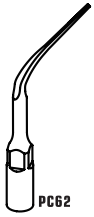
POWER



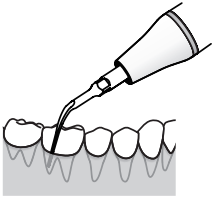
IRRIGATION

PC62

Recommended for cleaning and irrigating of periodontal deep pockets.



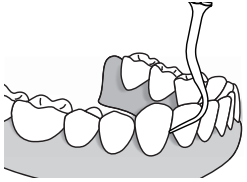


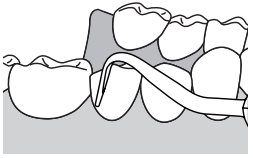


A1

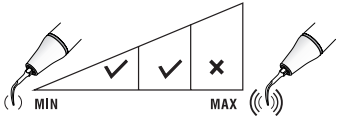
Removal of supragingival deposits, including the interproximal and sulcus areas.







MODE: P



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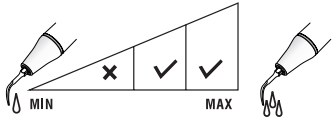
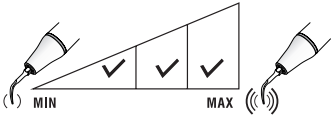


IRRIGATION



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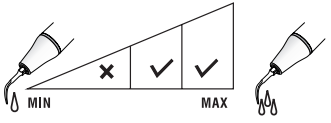
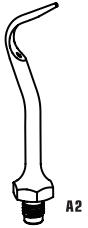
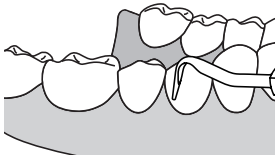


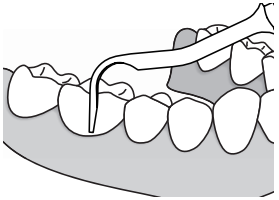
IRRIGATION

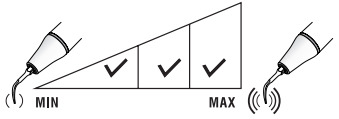
A2

Removal of supragingival deposits in all quadrants, including neck and adjacent part of the teeth.









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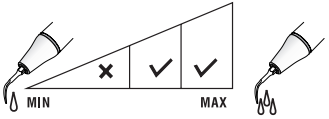
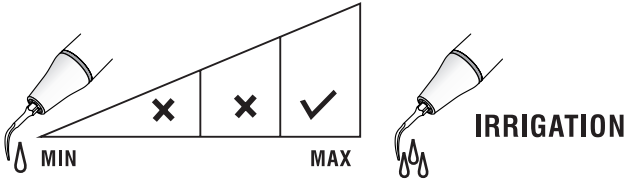


IRRIGATION

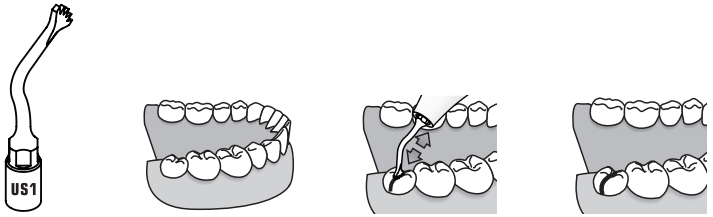
Ultrasurgery Tip



Meaning of the above symbols:
Water volume
The first grid indicates that the water volume is 0-30%.
The second grid indicates that the water volume is 30% -60%.
The third grid indicates that the water volume is 60% -100%.

US1

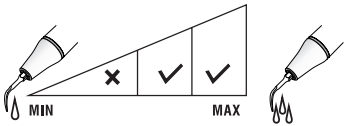
High effectiveness osteotomy of large bone sections during maxillofacial surgery, it can also be used for exodontia exodontics.



MODE: BONE

POWER:

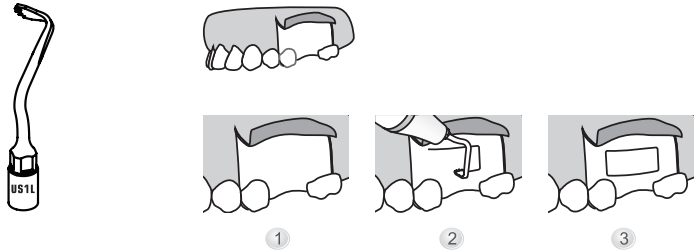
Quality 1, Quality 2, Quality 3
(Cortical/Spongious)



IRRIGATION

US1L

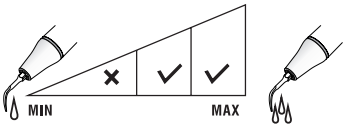
Left angle 90°, horizontal osteotomy technique in maxilla and mandible



MODE: BONE

POWER:

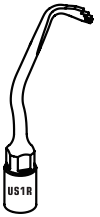
Quality 1, Quality 2, Quality 3
(Cortical/Spongious)

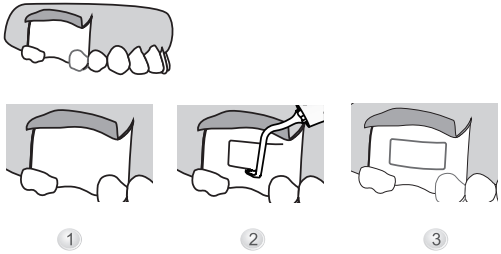


IRRIGATION

US1R

Right angle 90°, horizontal osteotomy technique in maxilla and mandible.

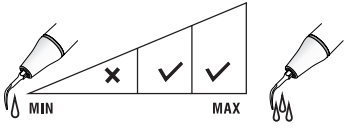




MODE: BONE

POWER:

Quality 1, Quality 2, Quality 3
(Cortical/Spongious)

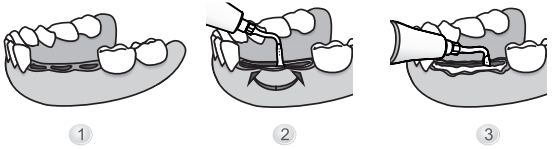


IRRIGATION

US2

High effectiveness osteotomy technique in maxilla and mandible(ridge expansion, corticotomy technique, bone block grafting).

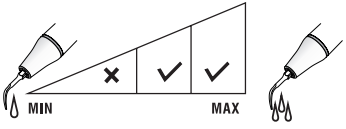




MODE: BONE

POWER:

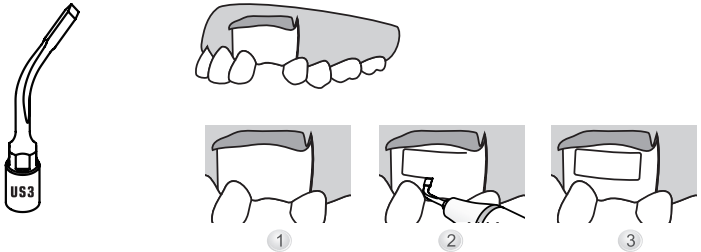
Quality 1, Quality 2, Quality 3
(Cortical/Spongious)



IRRIGATION

US3

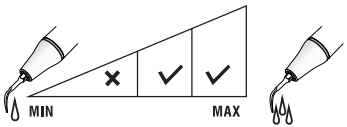
Osteotomy: osteotome of great precision in anatomically thin structures.



MODE: BONE

POWER:

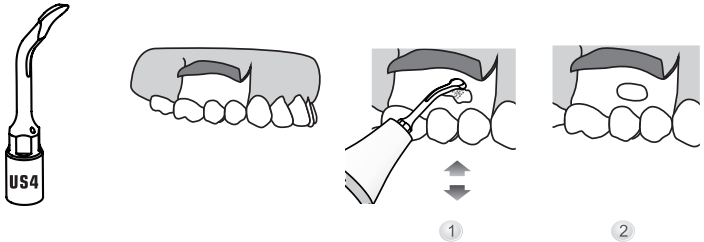
Quality 1, Quality 2, Quality 3
(Cortical/Spongious)



IRRIGATION

US4

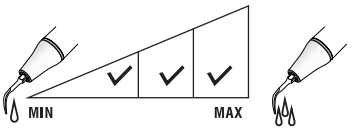
Universal osteoplasty: periodontal ostectomy, bone chips harvesting, inflammatory tissue removal (cyst, etc.).



MODE: BONE

POWER:

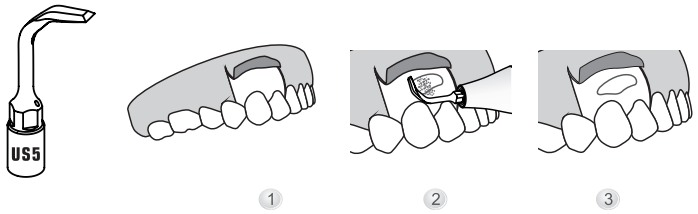
Quality 1, Quality 2, Quality 3
(Cortical/Spongious)



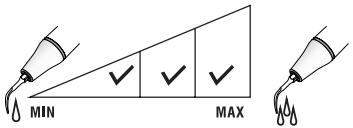
IRRIGATION

US5

High efficiency bone osteoplasty: bone remodelling and harvesting of bone chips



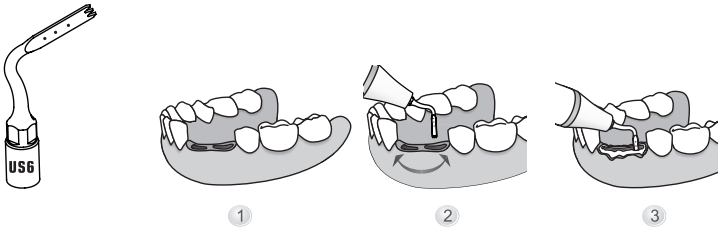
MODE: BONE
POWER:
Quality 1, Quality 2, Quality 3
(Cortical/Spongious)



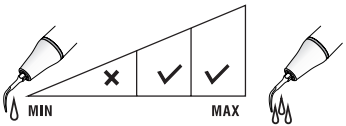
IRRIGATION

US6

Osteotomy: osteotome of great precision in anatomically thin structures(ridge expansion, corticotomy technique).



MODE: BONE
POWER: Special

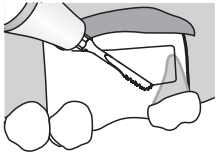


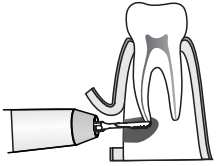
IRRIGATION

US13

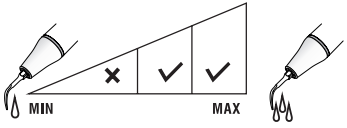
For osteomory and the removal of apex in posterior teeth area.







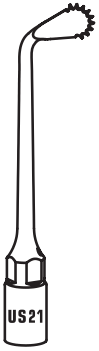
MODE: BONE
POWER: Special

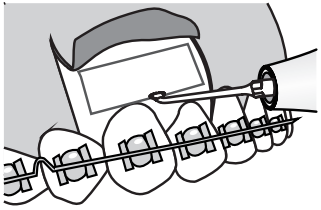


IRRIGATION

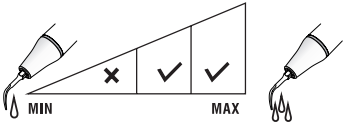
US21

Used for bone cutting. Fan-shaped serration, more convenient for cutting in different angle.





MODE: BONE
POWER: Special

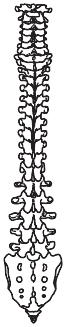


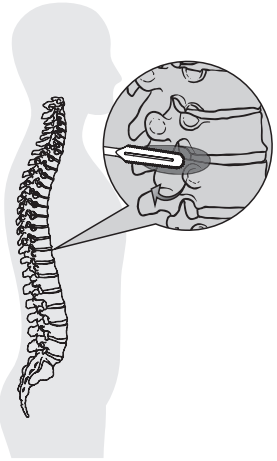
IRRIGATION

US25

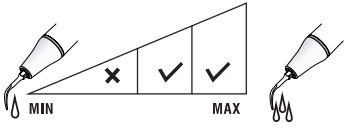
Used for bone surgery.







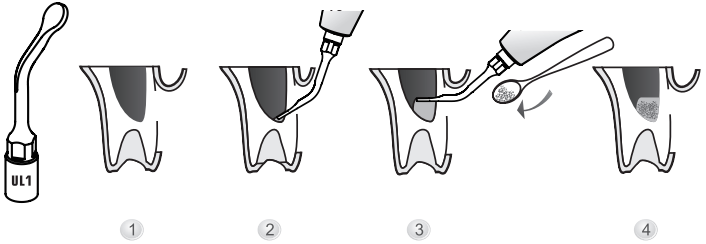
MODE: BONE
POWER: Special



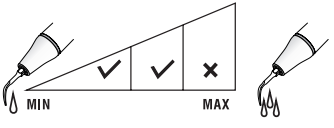
IRRIGATION

UL1

Tip angle 120°, separation of the sinus membrane in internal zones, non-cutting elevator of the sinus membrane.



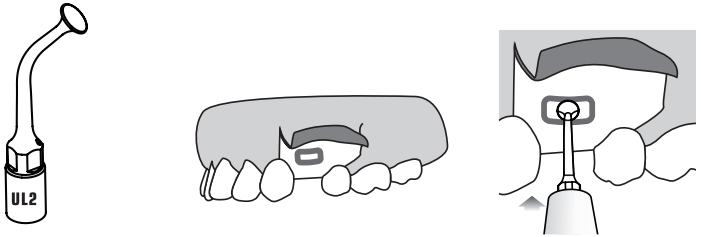
MODE: ROOT
POWER:
Endo（Maximum power permiteed）



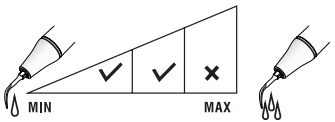
IRRIGATION

UL2

Schneiderian membrane separation from bony walls: separation of the sinus membrane.



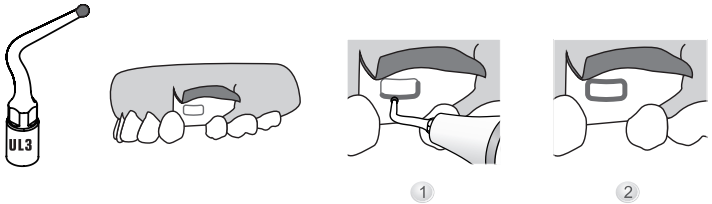
MODE: ROOT
POWER:
Endo（Maximum power permiteed）



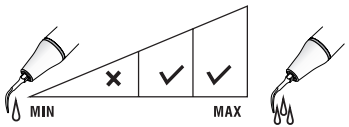
IRRIGATION

UL3

Diamond-coated(100μm) instrument for micrometric osteotomy or osteoplasty: non-traumatic, to finalize the osteotomy or osteoplasty on thin bone and/or near delicate anatomic structures.



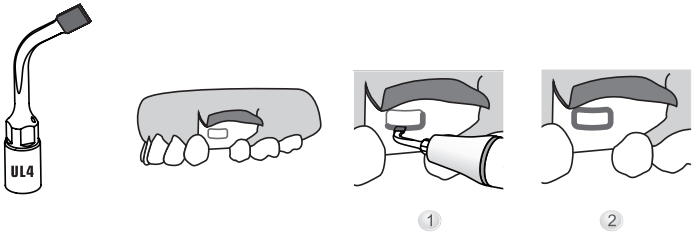
MODE: BONE
POWER:
Quality 1, Quality 2, Quality 3
(Cortical/Spongious)



IRRIGATION

UL4

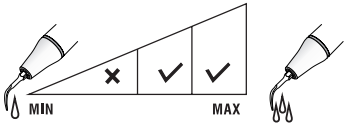
Diamond-coated(100µm) instrument for micrometric osteotomy: to finalize the osteotomy in proximity of soft tissue (sinus membrane, vessel, alveolar nerve).



MODE: BONE

POWER:

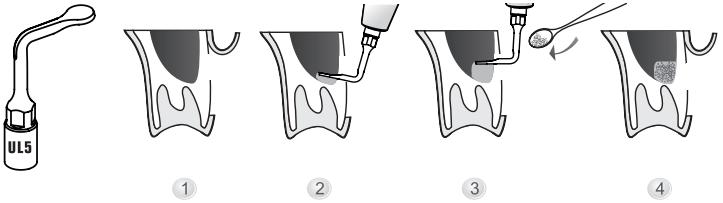
Quality 1, Quality 2, Quality 3 (Cortical/Spongious)



IRRIGATION

UL5

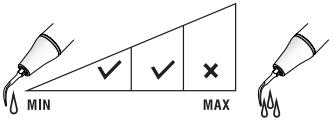
Tip angle 95°, separation of the sinus membrane in internal zones, non-cutting elevator of the sinus membrane.



MODE: ROOT

POWER:

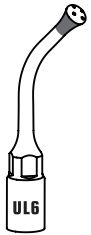
Endo（Maximum power permiteed

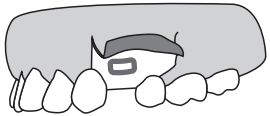


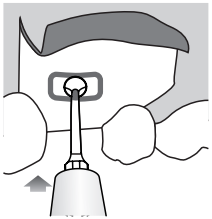
IRRIGATION

UL6

The head is Ø3mm in diameter and equipped with four water outlets for better separation of the maxillary sinus periosteum. The diamond-coated portion allows for trimming of the edges of the bone window.



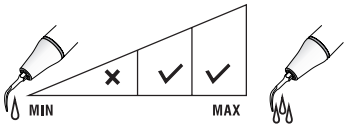




MODE: BONE

POWER:

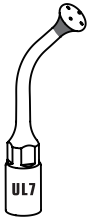
Quality 1, Quality 2, Quality 3
(Cortical/Spongious)

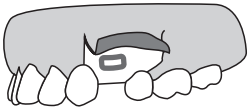


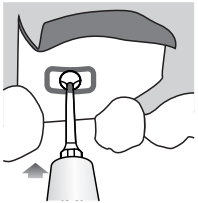
IRRIGATION

UL7

The head is Ø4.5mm in diameter and equipped with four water outlets for better separation of the maxillary sinus periosteum. The diamond-coated portion allows for trimming of the edges of the bone window.



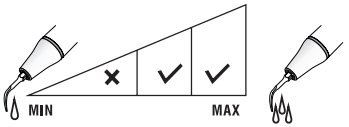




MODE: BONE

POWER:

Quality 1, Quality 2, Quality 3
(Cortical/Spongious)



IRRIGATION

UL8

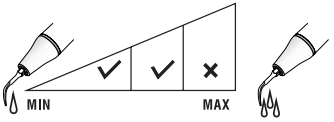
Diamond-coated head (100μm), used for non-traumatic osteotomy and osteoplasty near soft tissue and thin bone region.







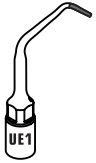
MODE: ROOT
POWER:
Endo（Maximum power permiteed）

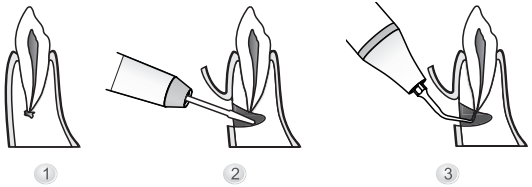


IRRIGATION

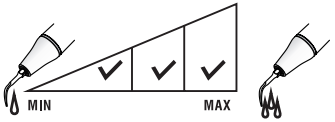
UE1

Diamond-coated(40μm) instrument for apical root debridement: diamond-coated instrument for efficient root planning. The length of the diamond-coated on tip is (3.3mm).





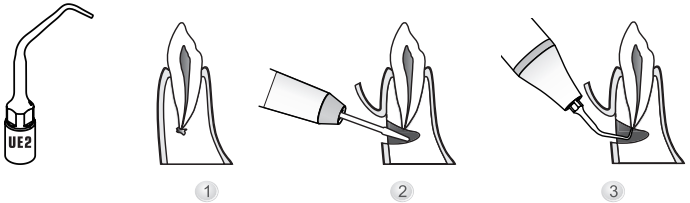
MODE: ROOT
POWER:
Endo（Maximum power permiteed）



IRRIGATION

UE2

Used for gentle canal cleaning. The length of tip slender smooth part is (4.5mm).



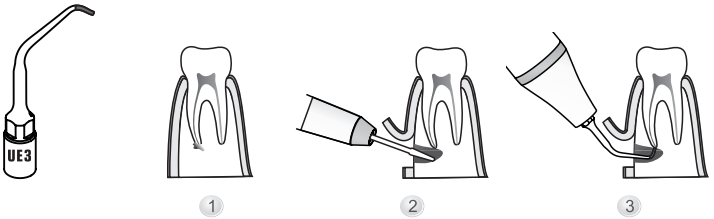
MODE: ROOT
POWER:
Endo（Maximum power permiteed）



IRRIGATION

UE3

Diamond-coated(40μm) instrument for apical root debridement: diamond-coated instrument for efficient root planning. The length of the diamond-coated on tip is (2.2mm).



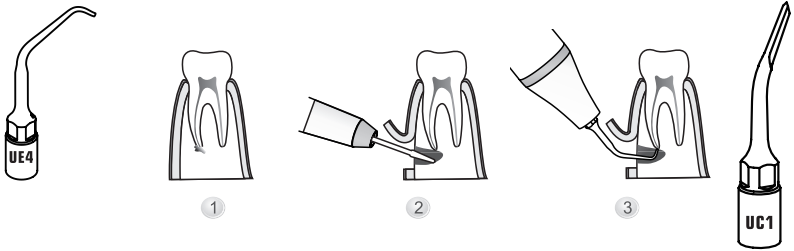
MODE: ROOT
POWER:
Endo（Maximum power permiteed）



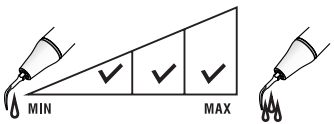
IRRIGATION

UE4

Used for gentle canal cleaning. The length of tip slender smooth part is (3.5mm).



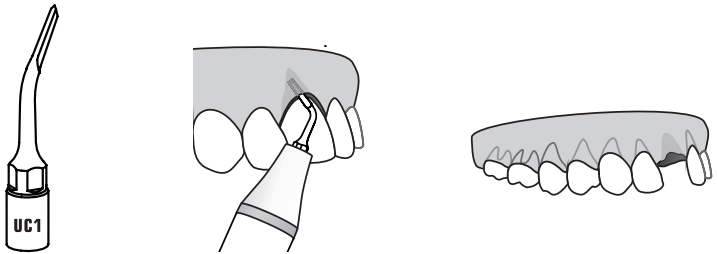
MODE: ROOT
POWER:
Endo（Maximum power permiteed）



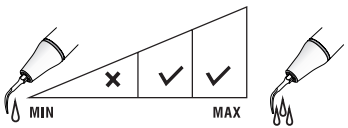
IRRIGATION

UC1

Used to cut off the ankylosis and root fraction techniques.



MODE: BONE
POWER:
Quality 1, Quality 2, Quality 3
(Cortical/Spongious)

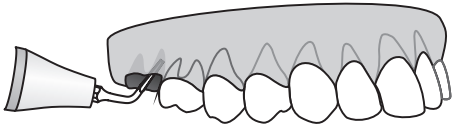


IRRIGATION

UC2

Left curved, Used to cut off the ankylosis,root fraction techniques in the posterior regions.

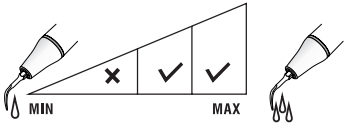




MODE: BONE

POWER:

Quality 1, Quality 2, Quality 3
(Cortical/Spongious)

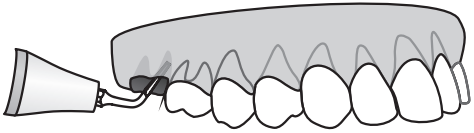


IRRIGATION

UC3

Right curved, Used to cut off the ankylosis,root fraction techniques in the posterior regions.

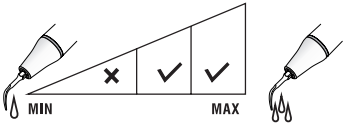




MODE: BONE

POWER:

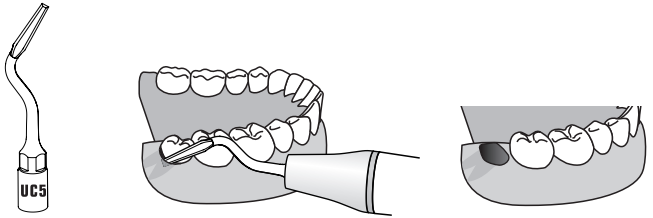
Quality 1, Quality 2, Quality 3
(Cortical/Spongious)



IRRIGATION

UC5

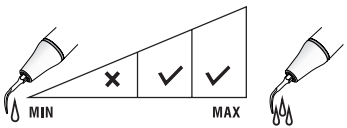
It is used for minimally invasive cutting of ligaments and tooth extractions, and is especially suitable for extraction of wisdom teeth with oblique angles.



MODE: BONE

POWER:

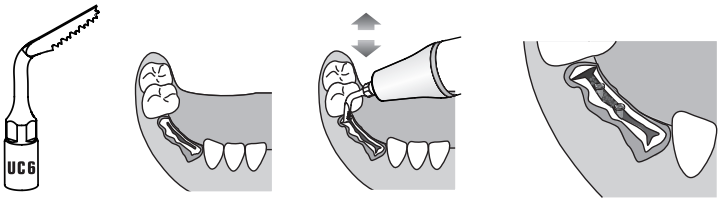
Quality 1, Quality 2, Quality 3
(Cortical/Spongious)



IRRIGATION

UC6

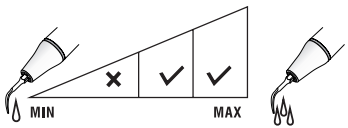
For teeth extraction and alveolar bone splitting.



MODE: BONE

POWER:

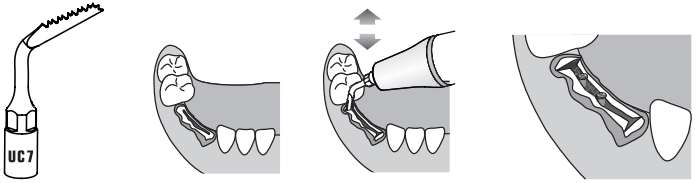
Quality 1, Quality 2, Quality 3
(Cortical/Spongious)



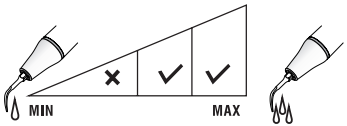
IRRIGATION

UC7

For teeth extraction and alveolar bone splitting.



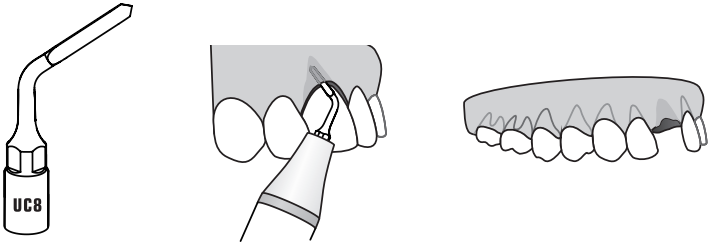
MODE: BONE
POWER:
Quality 1, Quality 2, Quality 3
(Cortical/Spongious)



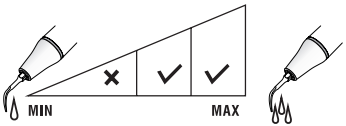
IRRIGATION

UC8

It is used for minimally invasive cutting of ligaments and tooth extractions, with a very sharp and pointed tip extremity.



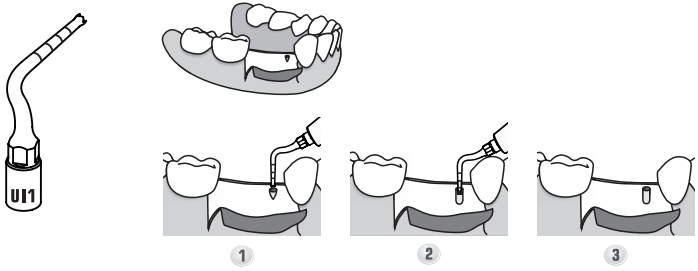
MODE: BONE
POWER:
Quality 1, Quality 2, Quality 3
(Cortical/Spongious)



IRRIGATION

UI1

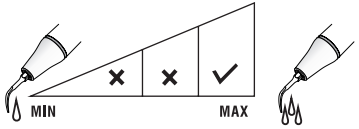
Ø1.6mm implantation site preparation insert. The working length of the tip is (9mm).



MODE: BONE

POWER:

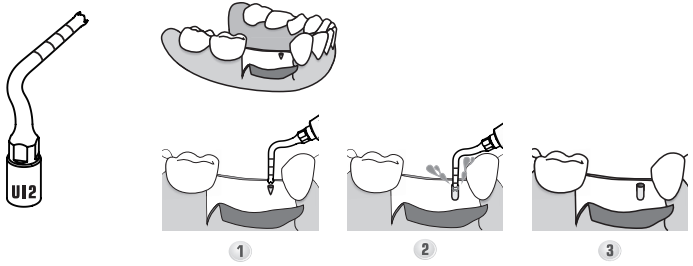
Quality 1, Quality 2, Quality 3
(Cortical/Spongious)



IRRIGATION

UI2

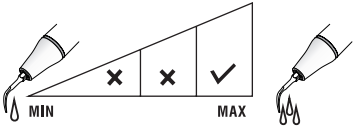
Ø2mm implantation site preparation insert. The hole at the center of the top for water spray maximum reduce the heat.



MODE: BONE

POWER:

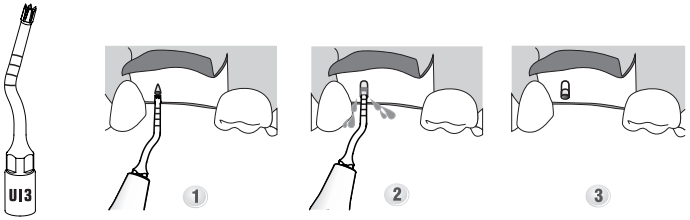
Quality 1, Quality 2, Quality 3
(Cortical/Spongious)



IRRIGATION

UI3

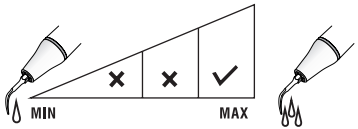
Ø2mm implant preparation tip used in the anterior tooth area, with sharp tip extremity and water out from the center.



MODE: BONE

POWER:

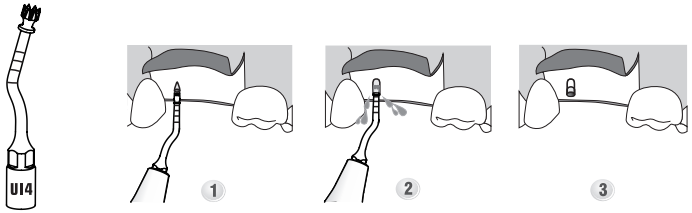
Quality 1, Quality 2, Quality 3 (Cortical/Spongious)



IRRIGATION

UI4

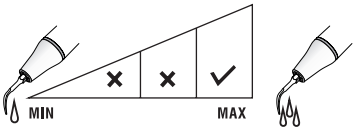
Ø3mm implant preparation tip used in the anterior tooth area, with sharp tip extremity and water out from the center.



MODE: BONE

POWER:

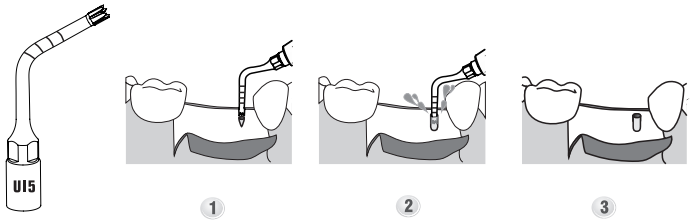
Quality 1, Quality 2, Quality 3 (Cortical/Spongious)



IRRIGATION

UI5

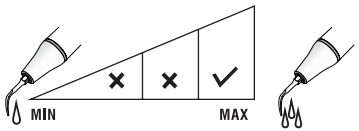
Ø2mm implant preparation tip used in the posterior tooth area, with sharp tip extremity and water out from the center.



MODE: BONE

POWER:

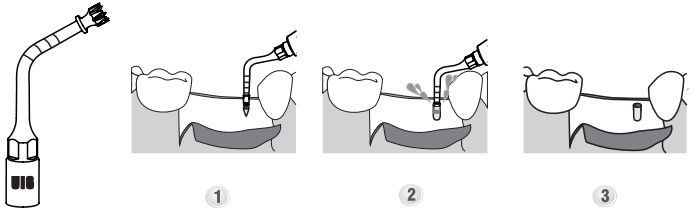
Quality 1, Quality 2, Quality 3
(Cortical/Spongious)



IRRIGATION

UI6

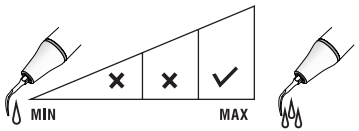
Ø3mm implant preparation tip used in the posterior tooth area, with sharp tip extremity and water out from the center.



MODE: BONE

POWER:

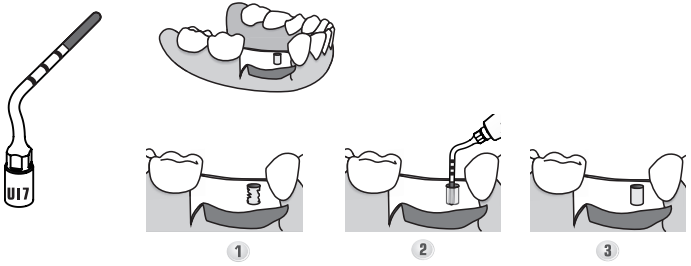
Quality 1, Quality 2, Quality 3
(Cortical/Spongious)



IRRIGATION

UI7

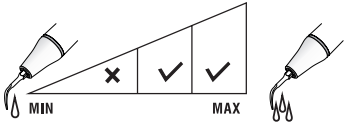
Diamond-coated(85µm) instrument for finalizing the implantation site preparation close to the alveolar nerve.



MODE: BONE

POWER:

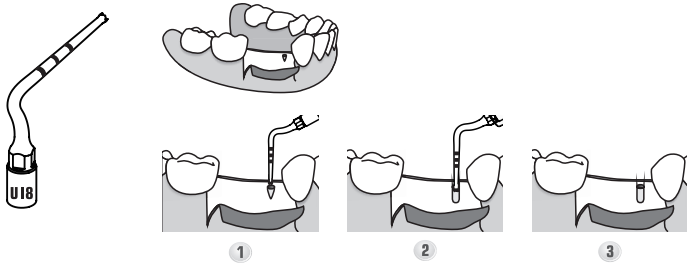
Quality 1, Quality 2, Quality 3
(Cortical/Spongious)



IRRIGATION

UI8

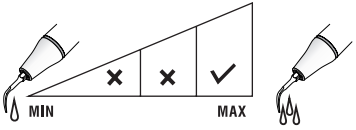
Ø1.6mm implantation site preparation insert. The working length of the tip is (15mm).



MODE: BONE

POWER:

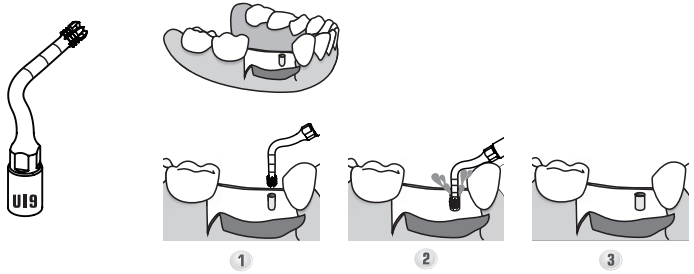
Quality 1, Quality 2, Quality 3
(Cortical/Spongious)



IRRIGATION

UI9

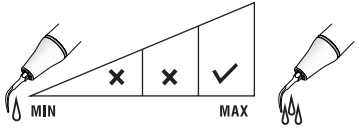
Ø2.8mm implantation site preparation insert . The hole at the center of the top for water spray maximum reduce the heat.



MODE: BONE

POWER:

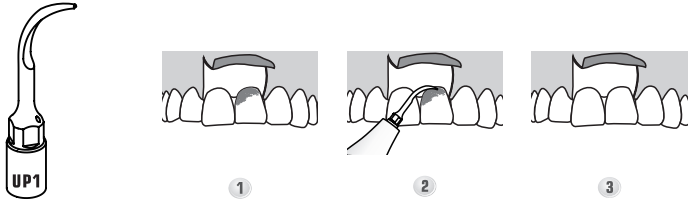
Quality 1, Quality 2, Quality 3
(Cortical/Spongious)



IRRIGATION

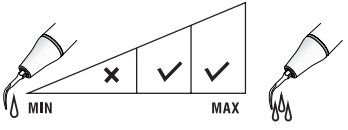
UP1

Recommended for periodontal gentle curetting scaling.



MODE: ROOT

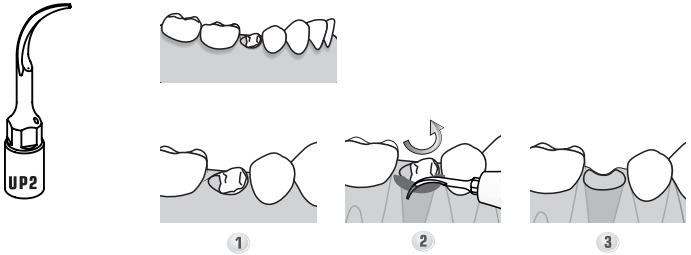
POWER: PERIO



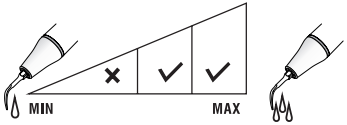
IRRIGATION

UP2

Inflammatory tissue removal and fractured root apex extraction



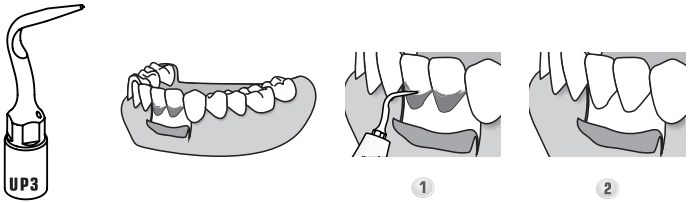
MODE: ROOT
POWER: PERIO



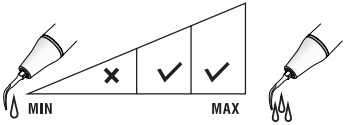
IRRIGATION

UP3

Recommended for angled periodontal gentle curetting scaling.



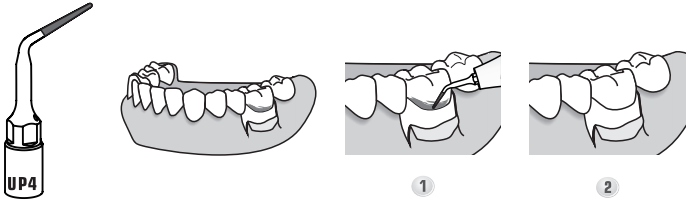
MODE: ROOT
POWER: PERIO



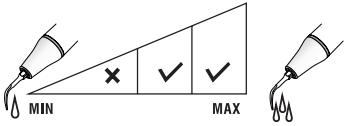
IRRIGATION

UP4

Diamond-coated(40μm) instrument for root debridement and root planning.



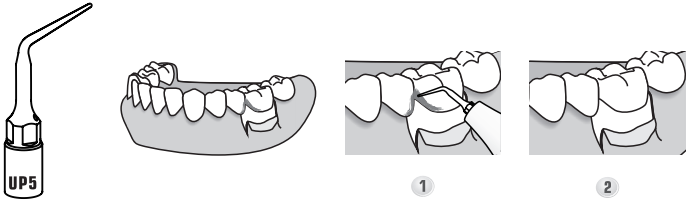
MODE: ROOT
POWER: PERIO



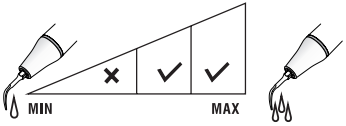
IRRIGATION

UP5

Recommended for root surface micro-smoothening.



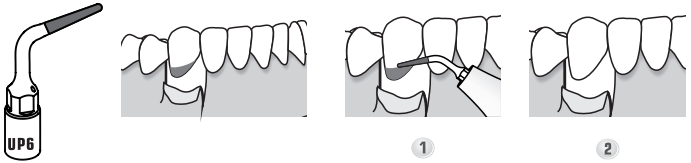
MODE: ROOT
POWER: PERIO



IRRIGATION

UP6

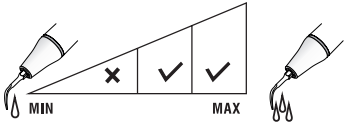
Diamond-coated(40μm) instrument for micro-osteoplasty: interproximal osteoplasty and root planning.



MODE: ROOT

POWER:

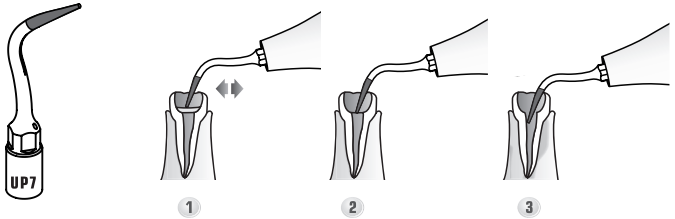
Quality 1, Quality 2, Quality 3
(Cortical/Spongious)



IRRIGATION

UP7

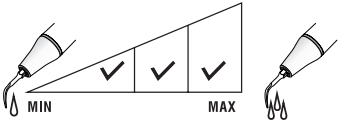
Diamond-coated(40μm) instrument for root canal orientation and removal of the calcifications located at the 1/3 part of root canal, it can also be used for micro-osteoplasty.



MODE: ROOT

POWER:

Endo（Maximum power permiteed）



IRRIGATION

Attached list: Other tips

	Tip Model	Compatible Brand
Scaling	GS1/GS2/GS3/GS4/GS5/GS6/GS7/GS8	Compatible with Sirona Scalers
Periodontics	PS1/PS3/PS3D/PS4	
Endodontics	ES1/ES2/ES3/ES3D/ES4/ES4D/ES5/ES5D/ PS4D/ES8/ES10/ES10D/ES11/ES11D/ES14/ ES15	
Scaling	GK1/GK2/GK3/GK4/GK5/GK6/GK7/GK11/GK20/ GK21/GK60/GK61/GK62	Compatible with Kavo Scalers
Endodontics	EK8	
Scaling	GC1/GC2	
Periodontics	PC1/ PC61/PC61/PC62	
Scaling	A1/A2	Compatible with Amdent Scalers



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