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RF-Q4-P001 3.1 Edition

We reserve the right to design and modify our products without prior notice

REFINE

CE ISO CFDA

PRODUCT

Guilin Refine Medical Instrument Co., Ltd

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E-mail: sales1@refine-med.com http://www.refine-med.com

Official website

Guilin Refine Medical Instrument Co., Ltd

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ABOUT
REFINE MEDICAL

COMPANY PROFILE

Refine Medical, focuses on R&D, manufacturing and selling dental products. The team has 15 years of experience on developing and producing dental ultrasonic products. With high quality products, win-win cooperation philosophy, better service, Refine is remarked as a reliable supplier among our partners.

With 50 units of imported full automatic CNC machines and yearly over 80,000 units' production capacity facility, Refine Medical is one of the few manufacturers in the industry who can 100% self-supply core components of the ultrasound handpiece and scaler tip. The production management applies strictly by ISO13485 and GMP standards.The products are CE and CFDA certified and now exported to more than 63 countries worldwide.

Main products: Ultrasonic Scaler, Ultrasonic Activator, Curing Light, Obturation System, Apex Locator, Endo Motor, Dental Sensor and X Ray etc.

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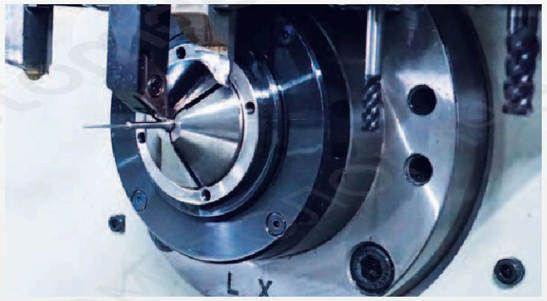
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CNC Center

QUALITY PROFESSION INNOVATION

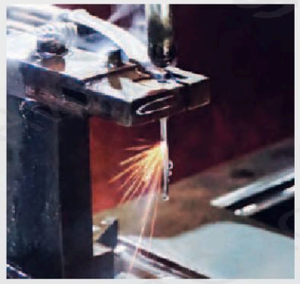
Professional equipments are necessary to ensure the products' stability and uniformity. With the CNC machines worth three million dollars, Refine insists on manufacturing all the core components by ourselves.

Advanced equipment



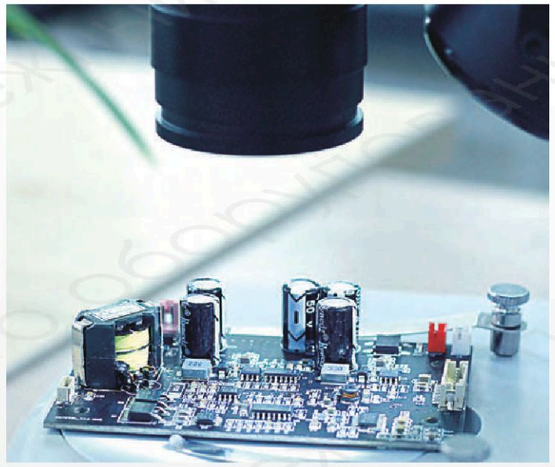








FOCUS ON DENTAL ULTRASONIC TECHNOLOGY



Details determine success or failure

From the electronic components on PCB board to the whole assembly, we pay attention to every detail of the product to ensure the safety and reliability of product quality.

Strict quality control with professional equipment

Refine tests the product under simulate various extreme environments to ensure product quality with professional equipments.

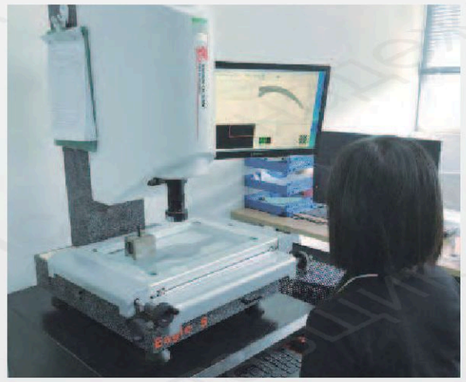


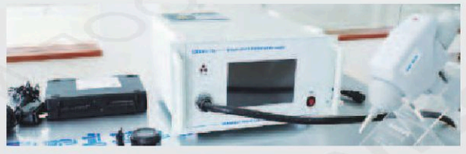












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Dental X-ray

A smart dental digital solution

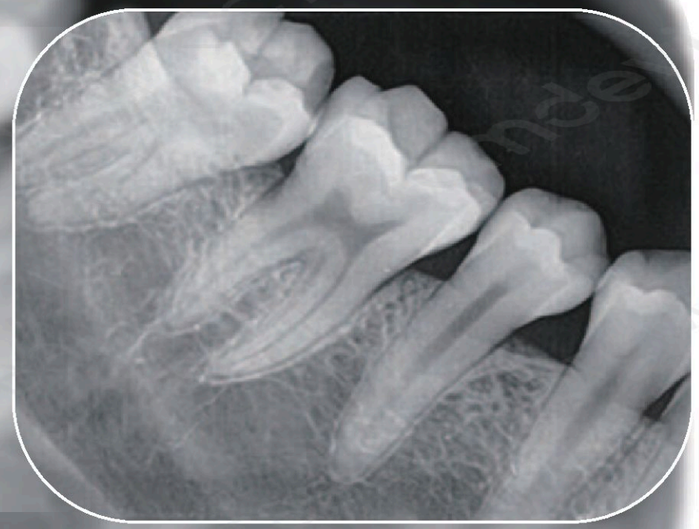


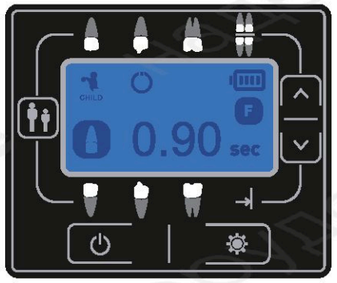
0.4mm focus to get high definition images

High-voltage generator with 0.4mm focus, high-definition imaging, enjoy top quality

High frequency DC technology

Ultra-low radiation, the exposure dose is reduced by more than 30% compared with the standard generator, maximizing effective rays and greatly reducing the radiation intensity





Ergonomic design

Shoot different teeth, fine-tune the shooting time, and achieve personalized and precise control

High capacity lithium battery

950 mAh ultra high capacity battery, battery can be replaced, low cost of use

Multiple shooting methods

Handheld shooting



Technical Parameter

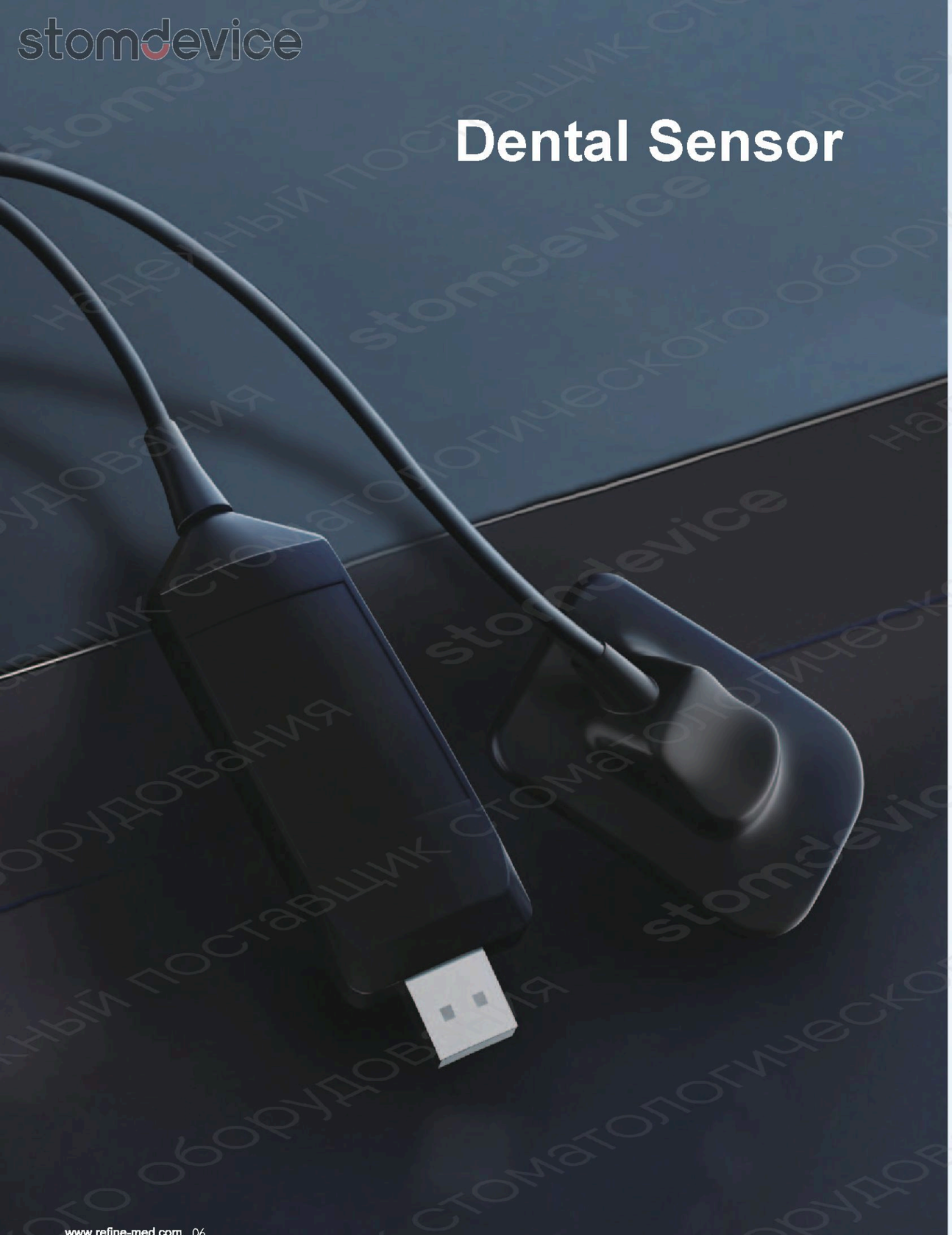
Tube Voltage 60KV	Highest Voltage 70KV	Tube Current 2mA
Exposure Time 0.01-2s	Focus 0.4mm	Anode Target Angle 12°
Total Filtration 1.0mmAl	Battery Capacity 950mAh	



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Dental Sensor



Multi-languages

Convenient for dentists in different countries and regions.



User-Friendly

Simple user interface and easy

Stable

Over 50000+ without imaging quality loss.



Reliable

Durable material and components.



Practical

Compact overall design
Space-saving
Chair-side shooting
High resolution.



Ultra-slim design

4.4mm sensor, enables maximum patient comfort.



specifications

Model	R1	R2
Detector Technology	APS CMOS	APS CMOS
Scintillator	CsI	CsI
Theoretical Resolution	25lp/mm	25lp/mm
True Resolution	20lp/mm	20lp/mm
Pixel Matrix	1000*1500	1300*1800
Active Area(mm)	20*30	26*36
Mechanical Size(mm)	25.4*36.8*4.4	30.4*41.9*4.4
Data interface	USB 2.0	USB 2.0
AD Conversion(bit)	16	16
Protection	IP68	IP68



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PTX

DENTAL SCALER

Power adapter input	100VAC - 240VAC 50Hz/60Hz
Main unit input	200VA
Frequency	30kHz±5kHz
Air inlet pressure	5.5 bar-7.5bar(0.55MPa-0.75MPa)
Water temperature	≤45°C
Powder output	0-4g/min
Package size	320*330*120mm
Main unit weight	4.0Kg







Automatic mode identification and switching

Automatically switch between scaling and polishing according to the handpiece being used
Automatically identify and switch the supragingival and subgingival chamber and operating mode

Intelligent water-temperature-control system

Automatic heating installation with a homothermic water temperature (≤45℃)
ensures a comfortable and warm treatment

Smart LCD touch control system

7-inch LCD screen, elegant and magnificent, bringing a wide vision.

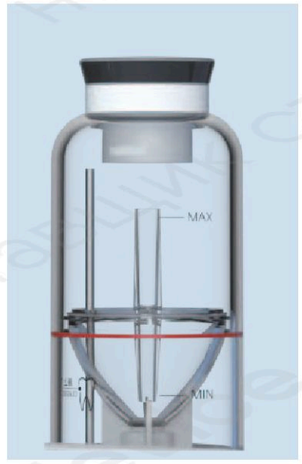
High precision designed handpiece, portable and comfortable

High accuracy design for water and air supply system,
preventing from interpenetration and damp



Funnel-shaped powder chamber, Uniform spray pattern

Plug-and-play chamber, easy to install and convenient to add powder.
Dual radian and aerodynamic design, for an uniform spray
pattern and high treatment efficiency.



Adopting high-performance clog-free system

Special control processing nozzle, reducing clogging effectively
Equipped with an air filter device to ensure dry air-supply and prevent
from powder dampening
Clog-free technology, effectively avoiding powder dampening by water
backflow

Wireless multifunctional pedal

Automatically identification and shift between wired and wireless pedal
Employing Bluetooth 5.0 ULP consumption technology, ultra-long standby
time
Multi-function switch, simple to operate

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APT

DENTAL SCALER

Power adapter input	220VAC 50Hz/110VAC 60Hz
Main unit input	50VA
Frequency:	30kHz±5kHz
Air inlet pressure	5.5 bar-7.5bar(0.55MPa-0.75MPa)
Powder output	0-4g/min
Package size	320*310*120mm
Main unit weight	3.0Kg

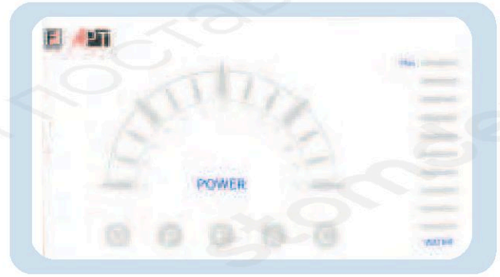


- 2 in 1, ultrasonic scaler system and air polishing system.

- 5 modes optional: scaling, periodontal, endo air polishing and cleaning.

  To remove dental calculus, plaque, pigment, soft deposit, tartar, and stains on the surface of nature teeth, restorations, implantsand orthodontic brackets, so as to prevent periodontal disease.

- Simple and clear glass touch panel, wide vision and easy to clean and disinfection.



- With 800ml large-capacity water tank, effectively reduces the water changing times and easy to change water.

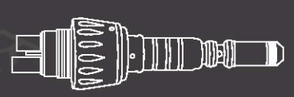
- Accurately power and water control, comfort scaling, stable sandblasting, obvious effect.

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SIMPLE AND EFFICIENT PLAQUE CONTROL SOLUTION

iJet E & iJet S helps you to remove the dental plaque, soft deposits,tartar and stains on the surface of nature teeth, restorations, implantsand orthodontic brackets, so as to prevent periodontal disease





iJet S

Kavo® MULTIflex® quick coupling

iJet

4 holes connector (Midwest)

Full range of iJet clinic applications



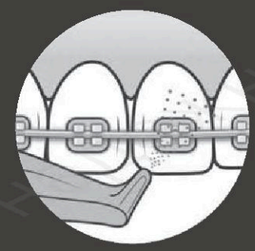
Supragingival scaling



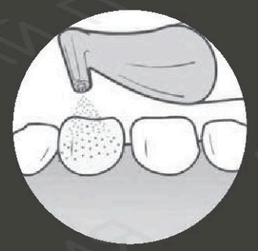
Interdental space scaling



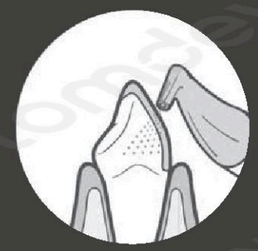
Subgingival scaling



Orthodontic brackets scaling



Air polishing after ultrasonic scaling



Preparation before bonding orthodontic brackets and placing restorations



Implant and abutment scaling



Tongue and palate cleaning

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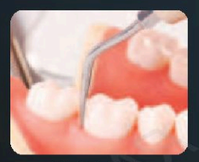
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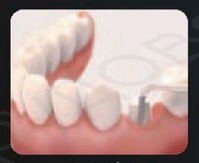
VERSATILE THERAPY APPLICATIONS

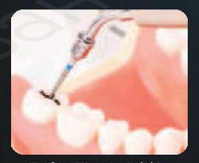
EFFICIENCY AND HIGH PERFORMANCE

The extensive tip selection of REFINE Activa system allows you to always have a correct choice for your various clinical needs.Choose your personal assortment of tips and expand it as your need.The wide rang of use options offered by REFINE Activa will soon make it to be one of yourmost-used instruments.

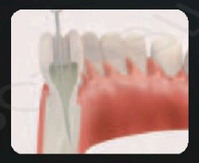

Supragingival Scaling


Subgingival Scaling


Restorative


Finishing Trimming Polishing


Minimally Invasive Caries Therapy


Endodontology


Prosthetics and Inlays

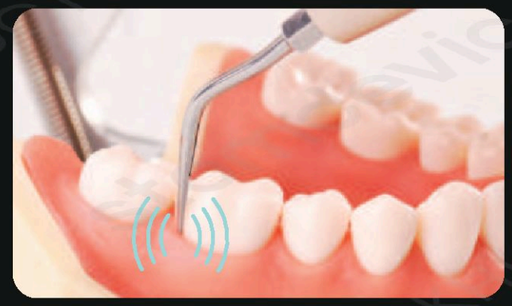


GENTLE AND SOFT TREATMENT COMFORTABLE FOR YOUR PATIENTS

REFINE Activa provides the true wide elliptical strokes vibration trajectory, minimize the development of heatand noise, brings a comfortable and gentle treatment experience.

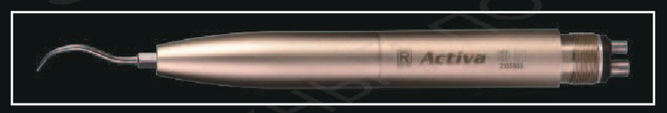


In addition, as the handpiece operates with a low application pressure, tooth tissue is protected, and the treatment is more precise. REFINE Activa is particularly suitable for pain-sensitive patients.



4800-5200Hz high frequency vibration, maximum 240μm amplitude, powerful andprecise, operationis more convenient.





Activa



Activa S



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MaxFill-P

Obturation System

- Intelligent Temperature Control
  1 sec fast heating, fast cutting gutta-percha, and 1 sec fast cooling to ensure safety of patients.
- 360 degree injection needle
  Easily rotate angle for filling
  Made of 99.9% pure silver with good thermal conductivity, flexible and durable
- Pre-bending hot needle
  Six angles optional for different operating situations
- Ergonomic design
  Handles are designed to be well-fitted to user's natural grip, comfortable and easier to operate.
- 4 hours super-long duration, quick charge

Specification:

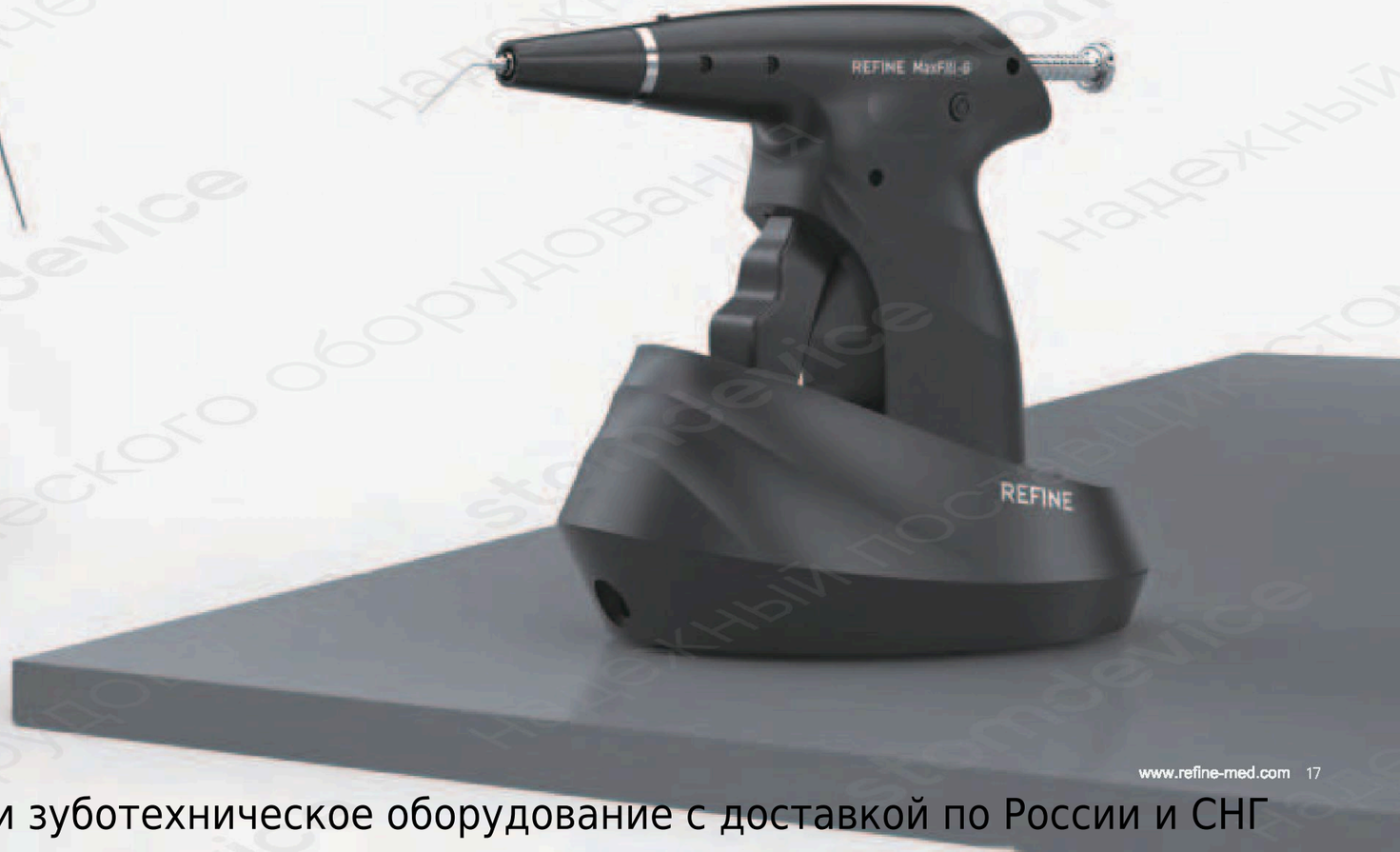
Power input	100-240VAC 50Hz/60Hz 0.8A
Power output	DC 15V/1.6A
Battery	1900mAh



MaxFill-G

Obturation System

- Intelligent Temperature Control
  Quick preheating within 15 sec without long waiting time. Four default temperature (150℃ 180℃ 200℃ 230℃), fast switch by one-click. High precision temperature control ensuring uniform hardness for gutta-percha
  360 degree injection needle
  Easily rotate angle for filling
  Made of 99.9% pure silver with good thermal conductivity, flexible and durable
- Pre-bending hot needle
  Six angles optional for different operating situations
- Ergonomic design
  Handles are designed to be well-fitted to user's natural grip, comfortable and easier to operate.
- 4 hours super-long duration, quick charge



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iMotor

- ★ 360°rotable contra-angle 16：1 handpiece
- ★ Adapted to all main file systems in the market
- ★ In-built 12 main file systmes
- ★ Auto reverse function
- ★ Adjustable reciprocating angle
  10°interval, adjustable range: 30°~340°
  Adjustable speed: 150~500rpm
- ★ 10 customized programs

Specification:

Speed range: 120~650rpm

Torque range: 0.5~4.0N.cm

Battery: 1500mAh



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VAT-3
Activator



Basic technical parameters

- Dimension: 165mm×28mm
- Power adapter input: AC 100-240V, 50/60Hz 0.4A
- Power adapter output: DC 5V/1A
- Main unit input: DC 3.7V 1500mAh
- Charge time: About 4 hours
- Power gear: 2 gears
- Tip vibration frequency: 45kHz±5kHz
- Tip main amplitude offset: <200um

A7 Apex Locator

Input (charge the battery): DC 5V 1A
AC Adapter: 100-240VAC 50Hz/60Hz
Battery: NCM 14500 Rechargeable Li-ion Battery DC 3.6V/800 mAh
Rated Power: ⩽0.5W
Measurement Voltage: AC 200mV
Measurement Current AC: AC 100μA
Control Unit Dimensions: L130 mm × W112 mm × H23.5 mm
Weight: 370 gms (including battery)



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1000ml Water Tank

PAINLESS SMART CONTROL

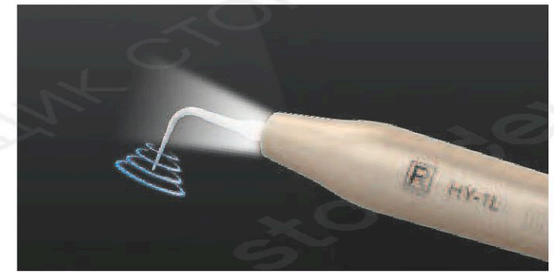
PT 7

Periodontal treatment device

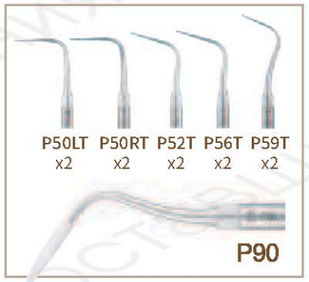


Elliptical vibration enabling comfortable scaling and polishing

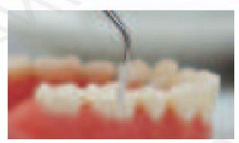
The amplitude of the tip is between 1μm – 200μm, equivalently one third diameter hair-width.
Elliptical vibration trajectory of tip distracts the impact force on teeth, achieving 360°comfortable scaling and polishing at the same time



Titanium tip with less hurt to cementum







2 sets of autoclavable handpiece kit.

Alternately use while the other is in autoclave.



Automatic water supply, easy to change water

Dual water supply modes: external & self water supply.
Anti-corrosion internal pipeline: Hydrogen peroxide, sodium hypochlorite and other special chemicals are all applicable.



Smart control

High sensitive touch panel control
Elegant glass surface, waterproof and easy to clean.



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Before & After treatment



Before treatment

After treatment



Before treatment



After treatment

Main Specifications

Frequency	28000-42000Hz
Tips hardness	30HRC
Vibration amplitude	1-200μm
Treatment depth	14mm

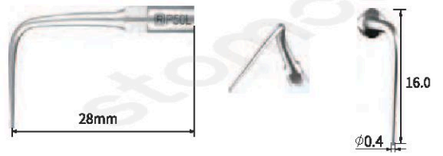


CONFIGURATION TIPS

P50LT Titanium left curved tip for subgingival scaling

Aplly the tip perpendicularly to the long axis of the tooth. Move the top 2mm of the tip up and down.

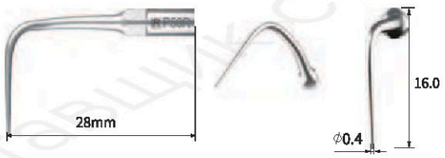
✿ Ensure that the water reaches the top 2mm of the tip



P50RT Titanium right curved tip for subgingival scaling

Aplly the tip perpendicularly to the long axis of the tooth. Move the top 2mm of the tip up and down.

✿ Ensure that the water reaches the top 2mm of the tip



P52T Applicable for all buccal and lingual area

Aplly the tip parallel to the long axis of the tooth. Move the top 2mm of the tip back and forward.

✿ Ensure that the water reaches the top 2mm of the tip



P56T Applicable for removing big calculus, not hurt to gum when scaling in the gingival margin

Aplly the tip parallel to the long axis of the tooth. Move the top 2mm of the tip back and forward.

✿ Ensure that the water reaches the top 2mm of the tip



P59T Applicable for all buccal and lingual area

Aplly the tip parallel to the long axis of the tooth. Move the top 2mm of the tip back and forward.

✿ Ensure that the water reaches the top 2mm of the tip



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BETTER CROSS INFECTION CONTROL

MaxPiezo7+ & MaxPiezo7

ULTRASONIC SCALER

Power input	220-240VAC 50Hz /110VAC 60Hz
Main unit input	24VAC 50Hz 1.3A
Frequency	28kHz±5kHz
Water pressure	0.1 bar-5bar(0.01MPa-0.5MPa)
Package size	400mm*300mm*145mm
Weight of main unit	1.59Kg



Multiple function

With different scaler tips, the machine is applicable to implant maintenance, broken file removing, gutta-percha cutting, crown removing, cavity preparation, shoulder preparation, calcifications removing and root planning.

High efficient root canal irrigation

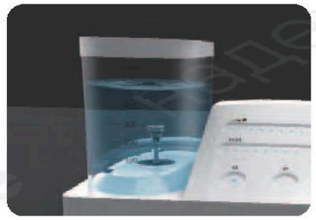


Smart touch panel control



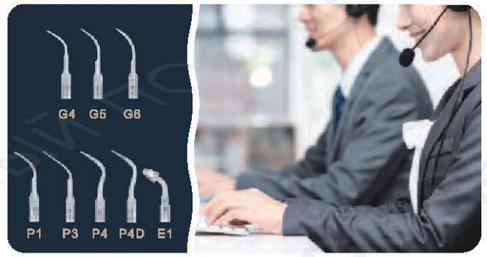
Self water supply

Anti-corrosion internal pipeline: Hydrogen peroxide, sodium hypochlorite and other special chemicals are all applicable.



Perfect after-sales service

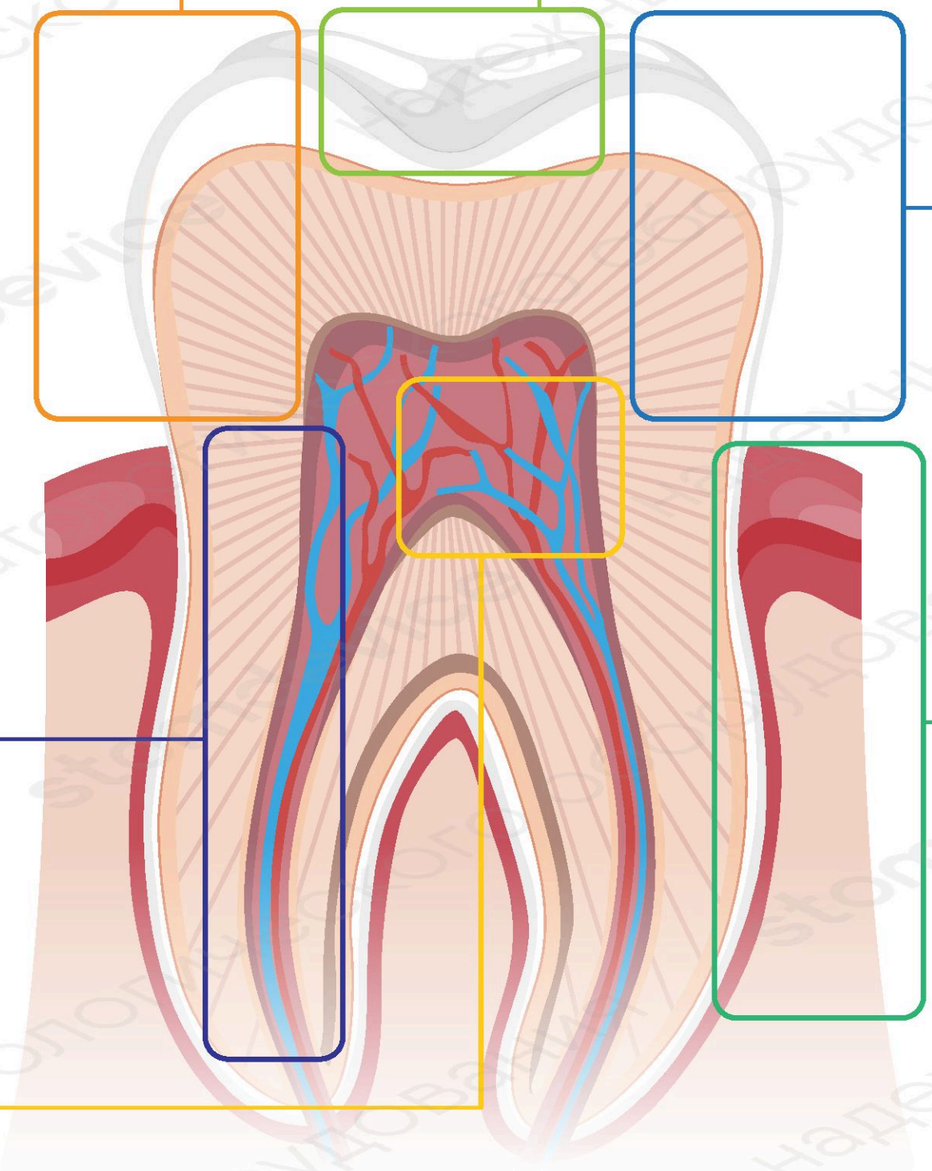
5 years' warranty for PCB and 1 year warranty for handpiece.



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Applied Area



E1



120°file holder for anterior teeth root canal irragation

E2



95°file holder for molar teeth root canal irragation

E3



Gutta-percha melting

E6



Titanium tip for removing broken file in root canal

E7



Titanium tip for removing broken file in root canal

E3D



Diamond coated instrument for enlarging root canal and access to files

P4D



Diamond coated instrument for enlarging root canal and access to files

G4



Removing supragingival and interproximal deposits

G5



Removing supragingival deposits in all quadrants

G6



Removing voluminous supragingival deposits

G30



Diamond coated instrument(90um grit) for preparation between pit and fissure

G31



Diamond coated instrument(90um grit) for preparation of mesial cavity

G32



Diamond coated instrument(90um grit) for preparation of distal cavity

G33



Diamond coated instrument(90um grit) for preparation of tooth veneer

SB2



Diamond coated instrument for caries romoving on oeclusal surface and the neck of teeth

SB3



Diamond coated instrument for caries removing on mesial surface of adjacent teeth

P1



Removing shallow pocket subgingival deposits

P3



Removing deep pocket subgingival deposits

P3D



Diamond coated instrument for root planning after the periodontal flap surgery

P4



Removing shallow pocket subgingival deposits

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MaxPiezo6+ & MaxPiezo6

Beyond Imagination

Power input	220-240VAC 50Hz /110VAC 60Hz
Main unit input	24VAC 50Hz 1.3A
Frequency	28kHz±5kHz
Water pressure	0.1 bar-5bar(0.01MPa-0.5MPa)
Package size	375mm*305mm*120mm
Weight	2.4Kg





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MaxPiezo3+ & MaxPiezo3

Finger-tip control

for effortless power adjustment

Power input	220-240VAC 50Hz /110VAC 60Hz
Main unit input	24VAC 50Hz 1.3A
Frequency	28kHz±5kHz
Water pressure	0.1 bar-5bar(0.01MPa-0.5MPa)
Package size	375mm*305mm*120mm
Weight	2.4Kg





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MaxPiezo1

Finger-tip control for effortless power adjustment

Power input	220-240VAC 50Hz /110VAC 60Hz
Main unit input	24VAC 50Hz 1.3A
Frequency	28kHz±5kHz
Water pressure	0.1 bar-5bar(0.01MPa-0.5MPa)
Package size	375mm*305mm*120mm
Weight	2.4Kg





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stomdevice

01 SEC

1" Turbo

Swan

Broad spectrum led light

Constant-current drive
Wireless & Hygienic design

Specification:

Power input	100-240VAC 50Hz/60Hz
Power output	DC 5V/1A
Wave length	385nm-515nm
Light intensity	650mW/cm²-2500mW/cm²
Battery	2600mAh



https://stomdevice.ru - стоматологическое и зуботехническое оборудование с доставкой по России и СНГ



01 SEC
1" Turbo

Swan+

Broad spectrum led light
Magnetic point curing lens

Constant-current drive
Wireless & Hygienic design

Specification:

Power input	100-240VAC 50Hz/60Hz
Power output	DC 5V/1A
Wave length	385nm-515nm
Light intensity	400mW/cm²-2500mW/cm²
Battery	3.6V/2600mAh

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01 SEC
1" Turbo

A-Cure Plus

Curing Light

The new generation multiwavelength LED
for producing high-intensity light



Model: A-Cure Plus
Power Input: 100-240VAC, 50Hz/60Hz
Power Output: 5VDC/2A
Wave length: 385nm-515nm
Light intensity: 800m/cm²– 2500mW/cm²
Battery voltage and capacity: 3.7V/1900mAh

A-Cure

Broad spectrum led light

Constant-current drive
Wireless & Hygienic design

Specification:

Power input	100-240VAC 50Hz/60Hz
Power output	DC 5V/2A
Wave length	385nm-515nm
Light intensity	800mW/cm²-1800mW/cm²
Battery	3.7V/1900mAh



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1 SEC CURE
BETTER VIEW
LONG BATTERY LIFE

MaxCure9
Curing 2mm Resin In 1s

01 SEC
1" Turbo

Specification:

Power input	100-240VAC 50Hz/60Hz
Power output	DC 5V/1A
Wave length	385nm-515nm
Light intensity	1000mW/cm²-2500mW/cm²
Battery	2600mAh





Long battery life
Over 1300 circles under 10sec mode

High light intensity
Over 2300 mW/cm²

Constant light intensity output
Maintain stable light intensity while power drops lower.

360° Curing
Reach every angle

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MaxCure5

3 SEC CURE
Ergonomics & Hygienic design

Specification:

Power input	100-240VAC 50Hz/60Hz
Power output	DC 5V/1A
Wave length	420nm-480nm
Light intensity	1000mW/cm²-1800mW/cm²
Battery	2600mAh



3" Turbo





MaxCure3

3 modes optional
Full-Power Progressive Pulse

Light Intensity: 1200-1600 mW/cm²

Unique technology of light concentration, ensuring straight illumination and strong penetrability.

The latest LED brings about high efficiency and well heat dissipation, prolonging life of the light sources.

Lithium battery with overcurrent and overvoltage protector, guaranteeing a secure process while charging. Under 10-sec mode, MaxCure3 can be used over 600 times after sufficient charge.

Constant light intensity output, light intensity will not reduce when battery lows.

Type-C USB

Autoclavable optical fiber effectively avoiding cross infection.

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stomdevice

MaxCureG

Constant-current drive

01 SEC
1" Turbo



Specification:

Power input	24VAC
Wave length	385nm-515nm
Light intensity	1000mW/cm²-2500mW/cm²

03 SEC
3" Turbo



MaxCure H

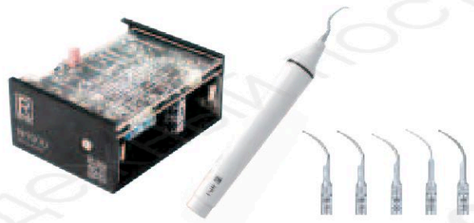
Specification:

Power input	24VAC
Wave length	420nm-480nm
Light intensity	1000mW/cm²-1800mW/cm²

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stomdevice

Refine built-in ultrasonic scaler(compatible with EMS)



N1000

Detachable handpiece
Scaling & perio function
Automatic frequency tracking
Real-time feedback
Main unit input: 24VAC 50Hz
Frequency: 28kHz±5kHz
Water pressure: 0.1bar-5bar(0.01MPa-0.5MPa)
Package size: 18.2cm*17.2cm*6.8cm
Gross weight: 0.45Kg



N2000

Detachable handpiece
Scaling & perio function
Automatic frequency tracking
Real-time feedback
Main unit input: 24VAC 50Hz
Frequency: 28kHz±5kHz
Water pressure: 0.1bar-5bar(0.01MPa-0.5MPa)
Package size: 18.2cm*17.2cm*6.8cm
Gross weight: 0.45Kg



N2000L

LED detachable handpiece
Scaling & perio function
Automatic frequency tracking
Real-time feedback
Main unit input: 24VAC 50Hz
Frequency: 28kHz±5kHz
Water pressure: 0.1bar-5bar(0.01MPa-0.5MPa)
Package size: 18.2cm*17.2cm*6.8cm
Gross weight: 0.45Kg



N3000

Detachable handpiece
Endo, scaling & perio function
Automatic frequency tracking
Real-time feedback
Main unit input: 24VAC 50Hz
Frequency: 28kHz±5kHz
Water pressure: 0.1bar-5bar(0.01MPa-0.5MPa)
Package size: 18.2cm*17.2cm*6.8cm
Gross weight: 0.45Kg



N3000L

LED detachable handpiece
Endo, scaling & perio function
Automatic frequency tracking
Real-time feedback
Main unit input: 24VAC 50Hz
Frequency: 28kHz±5kHz
Water pressure: 0.1bar-5bar(0.01MPa-0.5MPa)
Package size: 18.2cm*17.2cm*6.8cm
Gross weight: 0.45Kg



N6000L

LED detachable handpiece
Endo, scaling & perio function
Automatic frequency tracking
Real-time feedback
Main unit input: 24VAC 50Hz
Frequency: 28kHz±5kHz
Water pressure: 0.1bar-5bar(0.01MPa-0.5MPa)
Package size: 18.2cm*17.2cm*6.8cm
Gross weight: 0.45Kg

Scaler handpiece

HY-1L

- Metal shell detachable LED handpiece, better visibility and comfortable grip, compatible with Refine & EMS、Woodpecker
- Autoclavable handpiece avoids cross infection



Weight	51g
Size	105mm×∅18.9mm

HP-6L

- Metal shell detachable LED handpiece, better visibility and comfortable grip, compatible with Refine & EMS
- Autoclavable handpiece avoids cross infection



Weight	50.5g
Size	107mm×∅17.9mm

HP-5L

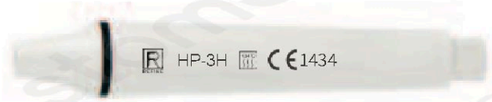
- Detachable LED handpiece, better visibility and comfortable grip, compatible with Refine & EMS
- Autoclavable handpiece avoids cross infection



Weight	56g
Size	106mm×∅18.9mm

HP-3H

- Detachable handpiece without LED, compatible with Refine & EMS
- Autoclavable handpiece avoids cross infection



Weight	45g
Size	117mm×∅18.6mm

HP-1

- Sealed handpiece compatible with Refine & EMS



Weight	118.5g (with cord) 43g (without cord)
Size	120.5mm×∅18.4mm

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stomdevice

Refine built-in ultrasonic scaler(compatible with SATELEC)



V1000
Detachable handpiece
Scaling & perio function
Automatic frequency tracking
Real-time feedback
Main unit input: 24VAC 50Hz
Frequency: 28kHz±5kHz
Water pressure: 0.1bar-5bar(0.01MPa-0.5MPa)
Package size: 18.2cm*17.2cm*6.8cm
Gross weight: 0.45Kg



V2000
Detachable handpiece
Scaling & perio function
Automatic frequency tracking
Real-time feedback
Main unit input: 24VAC 50Hz
Frequency: 28kHz±5kHz
Water pressure: 0.1bar-5bar(0.01MPa-0.5MPa)
Package size: 18.2cm*17.2cm*6.8cm
Gross weight: 0.45Kg



V2000L
LED detachable handpiece
Scaling & perio function
Automatic frequency tracking
Real-time feedback
Main unit input: 24VAC 50Hz
Frequency: 28kHz±5kHz
Water pressure: 0.1bar-5bar(0.01MPa-0.5MPa)
Package size: 18.2cm*17.2cm*6.8cm
Gross weight: 0.45Kg



V3000
Detachable handpiece
Endo, scaling & perio function
Automatic frequency tracking
Real-time feedback
Main unit input: 24VAC 50Hz
Frequency: 28kHz±5kHz
Water pressure: 0.1bar-5bar(0.01MPa-0.5MPa)
Package size: 18.2cm*17.2cm*6.8cm
Gross weight: 0.45Kg



V3000L
LED detachable handpiece
Endo, scaling & perio function
Automatic frequency tracking
Real-time feedback
Main unit input: 24VAC 50Hz
Frequency: 28kHz±5kHz
Water pressure: 0.1bar-5bar(0.01MPa-0.5MPa)
Package size: 18.2cm*17.2cm*6.8cm
Gross weight: 0.45Kg

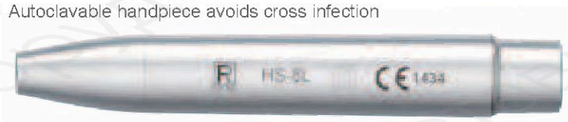


V6000L
LED detachable handpiece
Endo, scaling & perio function
Automatic frequency tracking
Real-time feedback
Main unit input: 24VAC 50Hz
Frequency: 28kHz±5kHz
Water pressure: 0.1bar-5bar(0.01MPa-0.5MPa)
Package size: 18.2cm*17.2cm*6.8cm
Gross weight: 0.45Kg

Scaler handpiece

HS-8L

- Metal shell detachable LED handpiece, better visibility and comfortable grip, compatible with Refine & SATELEC、DTE
- Autoclavable handpiece avoids cross infection



Weight	58.5g
Size	115mm×Ø18mm

HS-7L

- Detachable LED handpiece, better visibility and comfortable grip, compatible with Refine & SATELEC
- Autoclavable handpiece avoids cross infection



Weight	54.5g
Size	111mm×Ø19mm

HS-7H

- Detachable handpiece without LED, compatible with Refine & SATELEC
- Autoclavable handpiece avoids cross infection



Weight	51.5g
Size	111.5mm×Ø19mm

HS-1

- Sealed handpiece compatible with Refine & SATELEC



Weight	121.5g (with cord) 46.3g (without cord)
Size	125.5mm×Ø18.5mm

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Spare parts for ultrasonic scaler



TW-1L Torque wrench
For Refine, EMS, SATELEC scaler tip



Tip holder for scaler tip 1#



Tip holder for scaler tip 2#



TW-5L Torque wrench
For Refine, EMS, SATELEC scaler tip



Solenoid valve for Ultrasonic scaler



TS-1L Torque wrench
for SIRONA scaler tip





Footswitch for Ultrasonic scaler



TK-1L Torque wrench
for KAVO SonicFlex scaler tip



Power supply for Ultrasonic scaler



TW-E Endo wrench
For endo truck

TW-A Multi function wrench for both endo truck & dental bur



Handpiece cable
For LED handpiece model HP-5L



Handpiece cable
For handpiece model HP-3H without LED



Handpiece cable
For handpiece model HP-6L without LED



Handpiece cable
For handpiece model HS-7H without LED



Handpiece cable
For LED handpiece model HS-7L



Handpiece cable
For handpiece model HP-8L without LED

Spare parts for curing light



Battery
Battery voltage: 3.6V



Glass fiber
1# Dimensions: ⌀8mm
Can be autoclave under high temperature 134°C
Light Guide



Bathymeter



Adapter
Voltage input:
100-240VAC 50/60Hz
Voltage/current output:
DC5.0V/1.0A



LED lamp 3W/5W



Adapter(Type-C)
Voltage input:
100-240VAC 50/60Hz
Voltage/current output:
Type-C DC5.0V/1.0A



Light hood

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Spare parts for obturation system

MaxFill-G MaxFill-P



MaxFill-P
Charging base



MaxFill-G
Charging base



Gutta-percha injection needle wrench



Pushing ram



Adapter

Cleaning brush

MaxFill-G Accessories
Injection needle



22G 22mm | 20G 24mm | 20G 28mm | 23G 24mm | 23G 28mm | 25G 24mm

Gutta-percha injection needle



MaxFill-P Accessories Tips



3504 #35/04 Taper | 4004 #40/04 Taper | 4504 #45/04 Taper | 5004 #50/04 Taper | 5506 #55/06 Taper | 5508L #55/06 Taper | 5508 #55/08 Taper | 5510 #55/10 Taper | 6012 #60/12 Taper

Heat insulation hood

Spare parts for apex locator



File Probe



Tester



Lip Hook



AC adapter



File Clip



Measuring wire

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Spare parts for dental scaler

XP-1

- Metal shell detachable air polisher handpiece for supragingival
- Autoclave handpiece avoids cross infection



Weight	43.7g
Size	101.5mm x Ø16mm



PT-X1 powder

sodium bicarbonate

65μm for supragingival



PT-X3 powder

glycine

65μm for supragingival



PT-X5 powder

erythritol

65μm for supragingival



PT-X6 powder

glycine

25μm for supragingival& subgingival



PT-X7 powder

erythritol

25μm for supragingival& subgingival



Powder bottle



800ml water tank

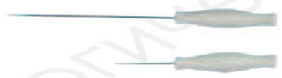


Foot switch for air polisher periodontal





Wrench for water& oil separator



cleaning needle

Spare parts for powder jet handpiece

QC-J1

- Sandblasting handpiece compatible with REFINE I jet& EMS air flow for supragingival
- Autoclave handpiece avoids cross infection



Weight	42.5g
Size	97mm x Ø23mm

QC-J2

- Sandblasting handpiece compatible with REFINE I jet& EMS air flow for subgingival
- Autoclave handpiece avoids cross infection



Weight	40.2g
Size	92mm x Ø20mm



Quick coupling

Kavo® MULTIflex®

Kavo® MULTIflex® quick coupling



Plastic nozzle

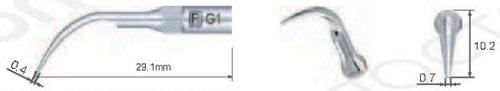
For powder jet subgingival handpiece

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Supragingival scaling(Compatible with Refine & EMS)

G1



Removing supragingival deposits in all quadrants

G2



Removing heavy supragingival deposits on anterior teeth

G3



Removing supragingival deposits in all quadrants, including the interproximal and sulcus areas

G4



Removing supragingival and interproximal deposits

G5



Removing supragingival deposits in all quadrants

G6



Removing voluminous supragingival deposits

G7



Removing crown

G8



Removing post

G9



Removing supragingival interdental calculus and calculus at the neck of the teeth

G10



Removing supragingival deposits in all quadrants, including the interproximal and sulcus area

G12



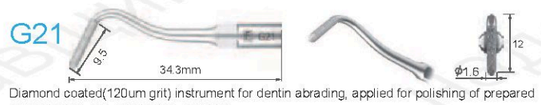
Removing large supragingival deposits on lingual surface in all quadrant

G20



Diamond coated(50um grit) instrument for dentin abrading, applied for supragingival shoulder preparation after subgingival shoulder preparation

G21



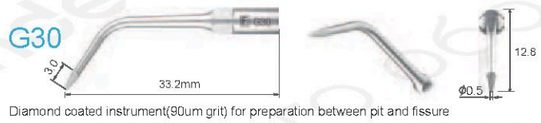
Diamond coated(120um grit) instrument for dentin abrading, applied for polishing of prepared supragingival and subgingival shoulder

G28



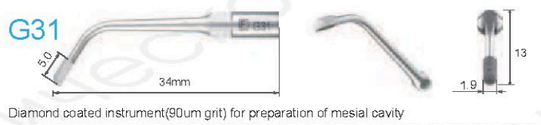
Amalgam condensation

G30



Diamond coated instrument(90um grit) for preparation between pit and fissure

G31



Diamond coated instrument(90um grit) for preparation of mesial cavity

G32



Diamond coated instrument(90um grit) for preparation of distal cavity

G33



Diamond coated instrument(90um grit) for preparation of tooth veneer

G35



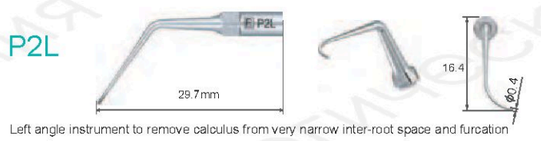
Subgingival scaling(Compatible with Refine & EMS)

P1



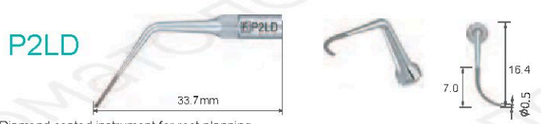
Removing shallow pocket subgingival deposits

P2L



Left angle instrument to remove calculus from very narrow inter-root space and furcation

P2LD



Diamond coated instrument for root planning

P2R



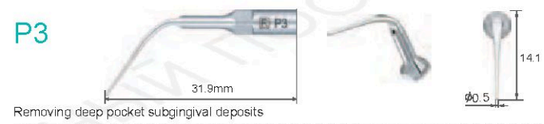
Right angle instrument to remove calculus from very narrow inter-root space and furcation

P2RD



Diamond coated instrument for root planning

P3



Removing deep pocket subgingival deposits

P3L



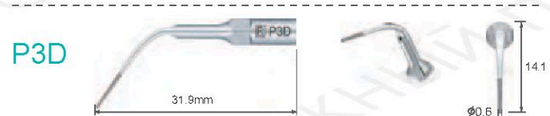
Left curved tip for scaling calculus in subgingival deep pocket

P3R



Right curved tip for scaling calculus in subgingival deep pocket

P3D



Diamond coated instrument for root planning after the periodontal flap surgery

P4



Removing shallow pocket subgingival deposits

P5



Removing tartar in adjacent teeth and gingival margin of teeth neck

P6



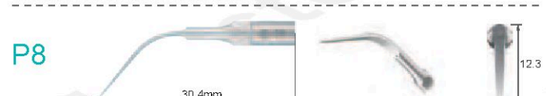
Cleaning and irrigating of subgingival deep pocket

P7



Cleaning and irrigating of subgingival deposit

P8



Cleaning and irrigating of subgingival deposit

P10



Removing tartar from subgingival pocket

P11



Removing subgingival stubborn tartar efficiently

P12



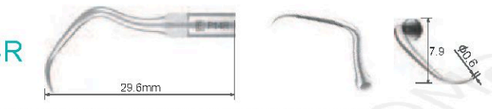
Removing posterior subgingival stubborn tartar efficiently

P14L



Left curved instrument for removing subgingival stubborn tartar in posterior area

P14R



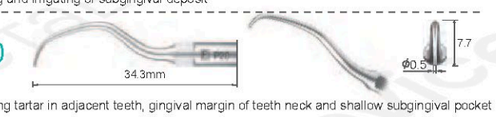
Right curved instrument for removing subgingival stubborn tartar in posterior area

P18



Cleaning and irrigating of subgingival deposit

P20



Removing tartar in adjacent teeth, gingival margin of teeth neck and shallow subgingival pocket

P20L

Left curved instrument for removing subgingival stubborn tartar in posterior area

P20R

Right curved instrument for removing subgingival stubborn tartar in posterior area

P21L

Left curved instrument for scaling on root bifurcation and root surface of adjacent posterior teeth

P21R

Right curved instrument for scaling on root bifurcation and root surface of adjacent posterior teeth

P22L

Left curved instrument for removing subgingival tartar

P22R

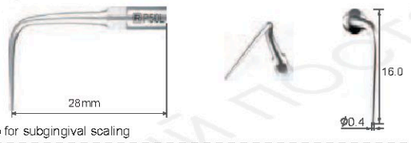
Right curved instrument for removing subgingival tartar

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Subgingival scaling(Compatible with Refine & EMS)

P50LT



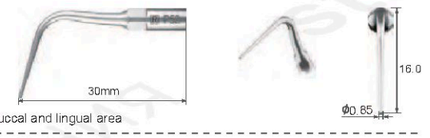
Titanium left curved tip for subgingival scaling

P50RT



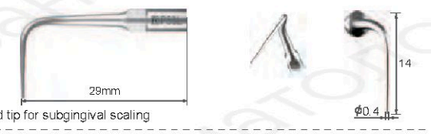
Titanium right curved tip for subgingival scaling

P52T



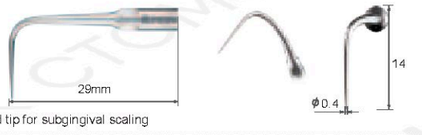
Applicable for all buccal and lingual area

P53L



Titanium left curved tip for subgingival scaling

P53R



Titanium right curved tip for subgingival scaling

P56T



Applicable for removing big calculus, not hurt to gum when scaling in the gingival margin

P59T

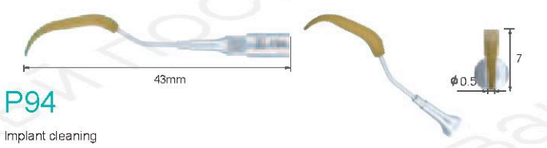


Applicable for all buccal and lingual area

P90

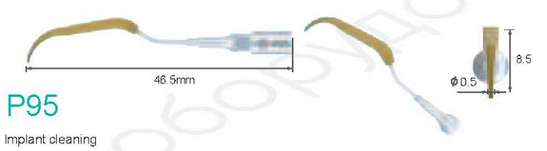


Implant cleaning



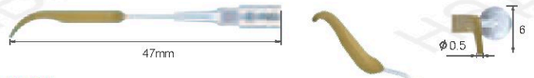
P94

Implant cleaning



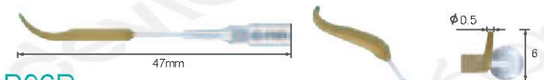
P95

Implant cleaning



P96L

Implant cleaning



P96R

Implant cleaning

Endo treatment(Compatible with Refine & EMS)

E1



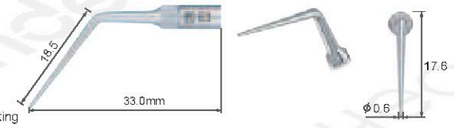
120°file holder for anterior teeth root canal irragation

E2



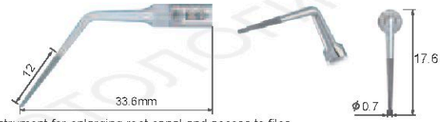
95°file holder for molar teeth root canal irragation

E3



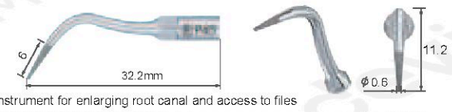
Gutta-percha melting

E3D



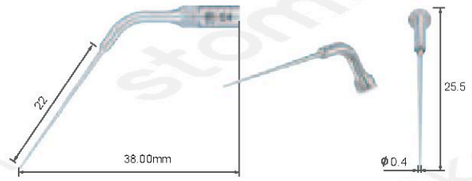
Diamond coated instrument for enlarging root canal and access to files

P4D



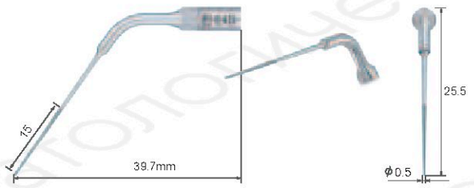
Diamond coated instrument for enlarging root canal and access to files

E4



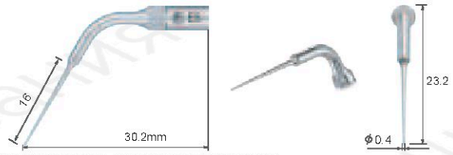
Removing root filling obstructions during root canal retreatment

E4D



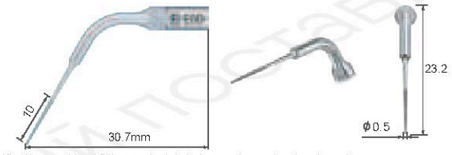
Removing calcification and bad filling material during root canal retreatment

E5



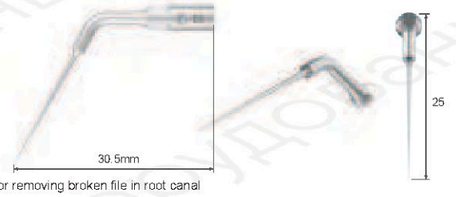
Removing root filling obstructions during root canal retreatment

E5D



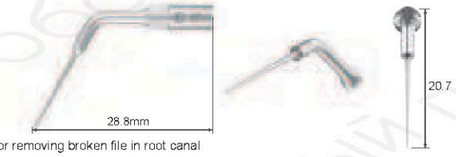
Removing calcification and bad filling material during root canal retreatment

E6



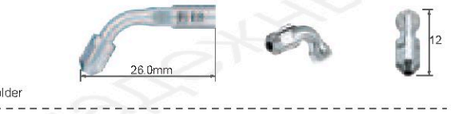
Titanium tip for removing broken file in root canal

E7



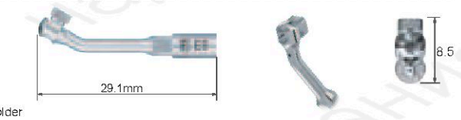
Titanium tip for removing broken file in root canal

E8



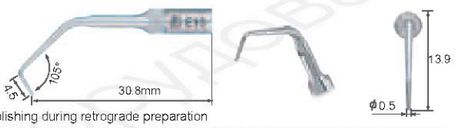
Dental bur holder

E9



Dental bur holder

E10



Root canal polishing during retrograde preparation

E10D



Diamond coated instrument for high efficiency root planning during retrograde preparation

E11



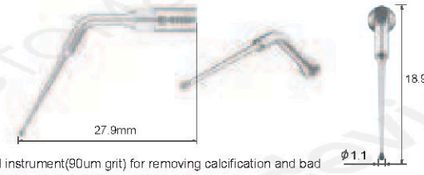
Root canal polishing during retrograde preparation

E11D



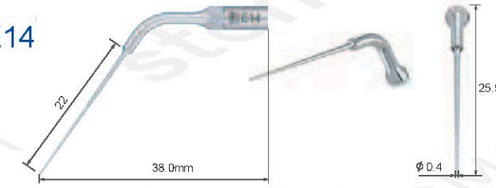
Diamond coated instrument for high efficiency root planning during retrograde preparation

E12D



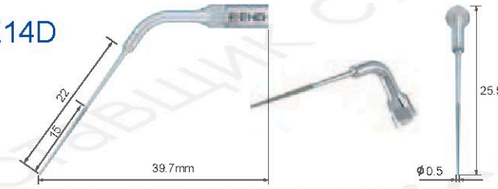
Diamond coated instrument(90um grit) for removing calcification and bad filling material in pulb cavity, exposing the root canal orifice

E14



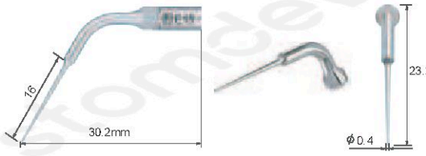
Removing root filling obstructions during root canal retreatment

E14D



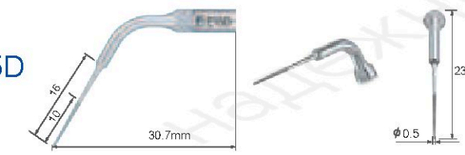
Removing calcification and bad filling material during root canal retreatment

E15



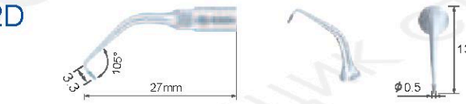
Removing root filling obstructions during root canal retreatment

E15D



Removing calcification and bad filling material during root canal retreatment

E32D



Diamond coated instrument for high efficiency root planning during retrograde preparation

E51



120°file holder for anterior teeth root canal irragation

E52

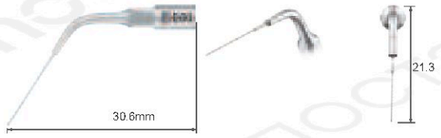


95°file holder for molar teeth root canal irragation

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Endo treatment(Compatible with Refine & EMS)

E60


All-in-one endo irragation file, with slight cutting function

E62


All-in-one endo irragation file, with smooth surface

E93


All-in-one 20# NiTi endo irragation file，with smooth surface, applied on endo activator only

E96


All-in-one 20# stainless steel endo irragation file，with smooth surface, applied on endo activator only

E98


All-in-one 25# titanium endo irragation file，with smooth surface, applied on endo activator only

Cavity preparation(Compatible with Refine & EMS)

SB1

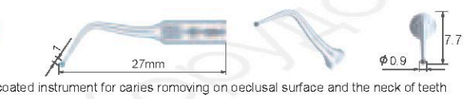

Diamond coated instrument for caries removing on occlusal surface and the neck of teeth

SB2

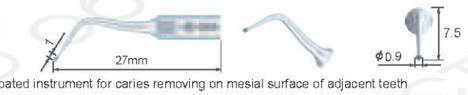

Diamond coated instrument for caries removing on mesial surface of adjacent teeth

SB3

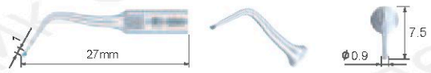

Diamond coated instrument for caries removing on mesial surface of adjacent teeth

SB4


Diamond coated instrument for caries removing on occlusal surface and the neck of teeth

SB5


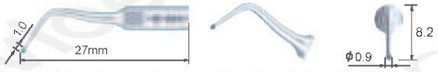
Diamond coated instrument for caries removing on mesial surface of adjacent teeth

SB6


Diamond coated instrument for caries removing on mesial surface of adjacent teeth

SBL


Diamond coated instrument for caries removing on mesial surface of adjacent teeth

SB7L


Diamond coated instrument for caries removing on mesial surface of adjacent teeth

SBR


Reach the caries from 45° without hurt the adjacent teeth

SB7R


Reach the caries from 45° without hurt the adjacent teeth

Supragingival scaling(Compatible with Refine & SATELEC)

GD1


Removing supragingival deposits in all quadrants

GD2


Removing heavy supragingival deposits on anterior teeth

GD3

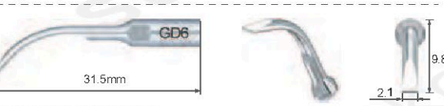

Removing supragingival deposits in all quadrants, including the interproximal and sulcus areas

GD4


Removing supragingival and interproximal deposits

GD5

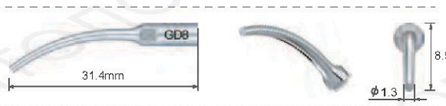

Removing supragingival deposits in all quadrants

GD6


Removing voluminous supragingival deposits

GD7


Removing crown

GD8


Removing post

GD9

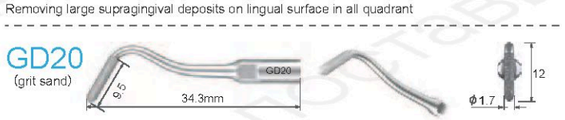

Removing supragingival interdental calculus and calculus at the neck of the teeth

GD10

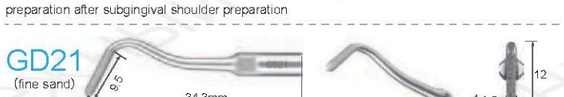

Removing supragingival deposits in all quadrants, including the interproximal and sulcus area

GD12

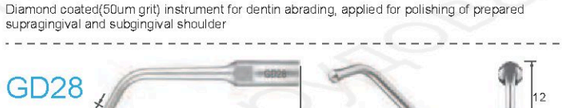

Removing large supragingival deposits on lingual surface in all quadrant

GD20
(grit sand)


Diamond coated(120um grit) instrument for dentin abrading, applied for supragingival shoulder preparation after subgingival shoulder preparation

GD21
(fine sand)


Diamond coated(50um grit) instrument for dentin abrading, applied for polishing of prepared supragingival and subgingival shoulder

GD28


Amalgam condensation

GD30


Diamond coated instrument(90um grit) for preparation between pit and fissure

GD31

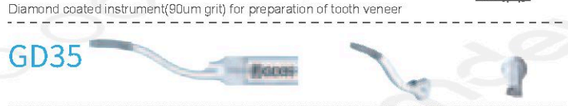

Diamond coated instrument(90um grit) for preparation of mesial cavity

GD32


Diamond coated instrument(90um grit) for preparation of distal cavity

GD33

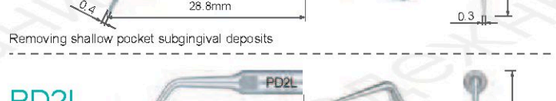

Diamond coated instrument(90um grit) for preparation of tooth veneer

GD35


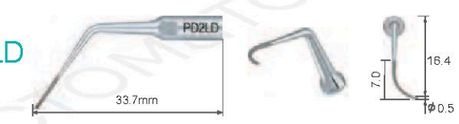
Subgingival scaling(Compatible with Refine & SATELEC)

PD1


Removing shallow pocket subgingival deposits

PD2L


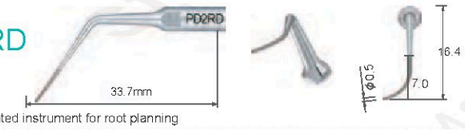
Left angle instrument to remove calculus from very narrow inter-root space and furcation

PD2LD


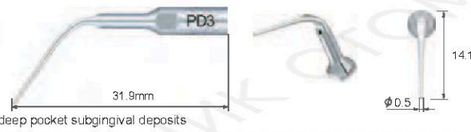
Diamond coated instrument for root planning

PD2R


Right angle instrument to remove calculus from very narrow inter-root space and furcation

PD2RD


Diamond coated instrument for root planning

PD3


Removing deep pocket subgingival deposits

PD3L

Left curved tip for scaling calculus in subgingival deep pocket

PD3R

Right curved tip for scaling calculus in subgingival deep pocket

PD3D

Diamond coated instrument for root planning after the periodontal flap surgery

PD4

Removing shallow pocket subgingival deposits

PD5

Removing tartar in adjacent teeth and gingival margin of teeth neck

PD6

Cleaning and irrigating of subgingival deep pocket

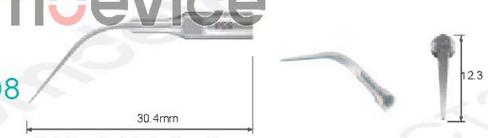
PD7

Cleaning and irrigating of subgingival deposit

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PD8



Cleaning and irrigating of subgingival deposit

PD10



Removing tartar from subgingival pocket

PD11



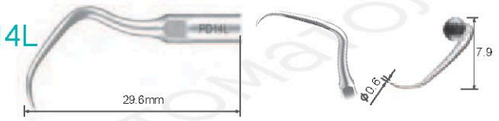
Removing subgingival stubborn tartar efficiently

PD12



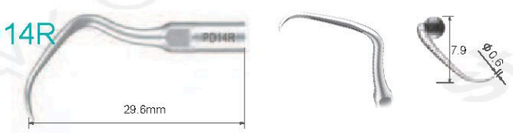
Removing posterior subgingival stubborn tartar efficiently

PD14L



Left curved instrument for removing subgingival stubborn tartar in posterior area

PD14R



Right curved instrument for removing subgingival stubborn tartar in posterior area

PD18



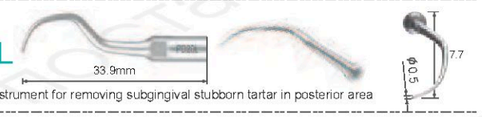
Cleaning and irrigating of subgingival deposit

PD20



Removing tartar in adjacent teeth, gingival margin of teeth neck and shallow subgingival pocket

PD20L



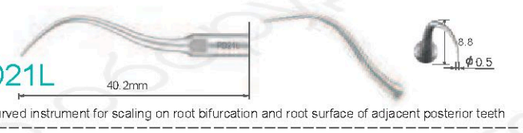
Left curved instrument for removing subgingival stubborn tartar in posterior area

PD20R



Right curved instrument for removing subgingival stubborn tartar in posterior area

PD21L



Left curved instrument for scaling on root bifurcation and root surface of adjacent posterior teeth

PD21R



Right curved instrument for scaling on root bifurcation and root surface of adjacent posterior teeth

PD22L



Left curved instrument for removing subgingival tartar

PD22R



Right curved instrument for removing subgingival tartar

PD90



Implant cleaning

PD94



Implant cleaning

PD95



Implant cleaning

PD96L



Implant cleaning

PD96R



Implant cleaning

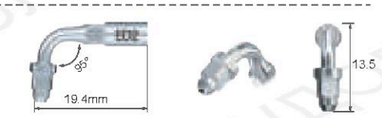
Endo treatment(Compatible with Refine & SATELEC)

ED1



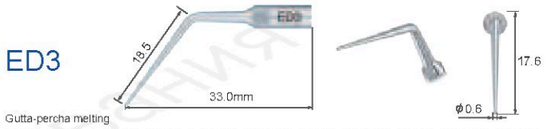
120°file holder for anterior teeth root canal irragation

ED2



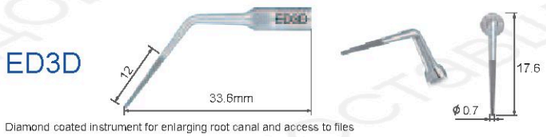
95°file holder for molar teeth root canal irragation

ED3



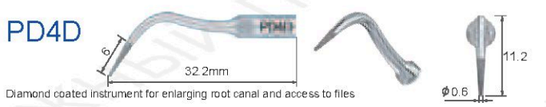
Gutta-percha melting

ED3D



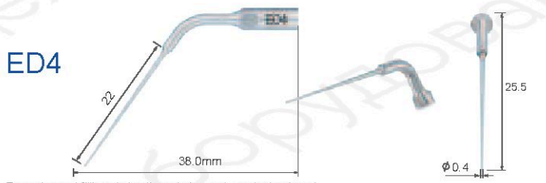
Diamond coated instrument for enlarging root canal and access to files

PD4D



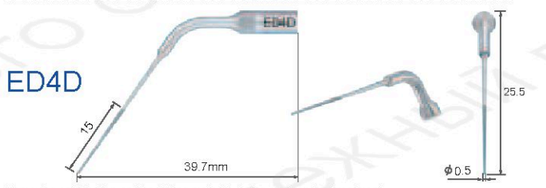
Diamond coated instrument for enlarging root canal and access to files

ED4



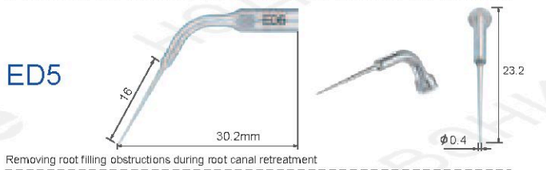
Removing root filling obstructions during root canal retreatment

ED4D



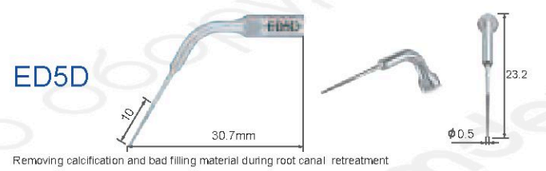
Removing calcification and bad filling material during root canal retreatment

ED5



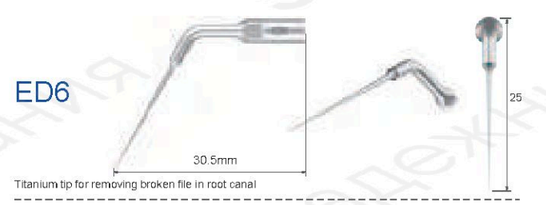
Removing root filling obstructions during root canal retreatment

ED5D



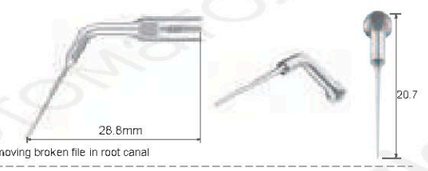
Removing calcification and bad filling material during root canal retreatment

ED6



Titanium tip for removing broken file in root canal

ED7



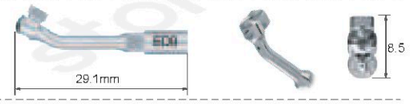
Titanium tip for removing broken file in root canal

ED8



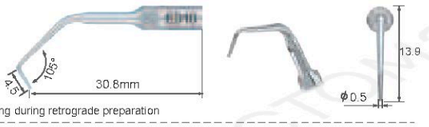
Dental bur holder

ED9



Dental bur holder

ED10



Root canal polishing during retrograde preparation

ED10D



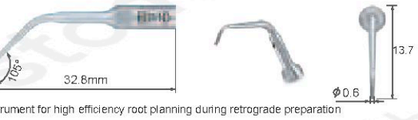
Diamond coated instrument for high efficiency root planning during retrograde preparation

ED11



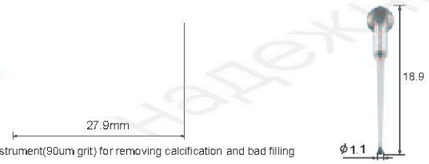
Root canal polishing during retrograde preparation

ED11D



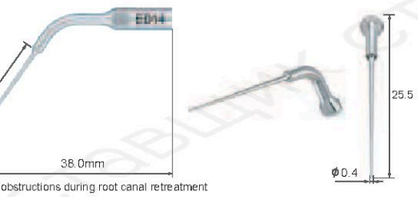
Diamond coated instrument for high efficiency root planning during retrograde preparation

ED12D



Diamond coated instrument(90um grit) for removing calcification and bad filling material in pulb cavity, exposing the root canal orifice

ED14



Removing root filling obstructions during root canal retreatment

ED14D



Removing calcification and bad filling material during root canal retreatment

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ED15



Removing root filling obstructions during root canal retreatment

ED15D



Removing calcification and bad filling material during root canal retreatment

ED32D



Diamond coated instrument for high efficiency root planning during retrograde preparation

ED51



120°file holder for anterior teeth root canal irragation

ED52



95°file holder for molar teeth root canal irragation

ED60



All-in-one endo irragation file, with slight cutting function

ED62



All-in-one endo irragation file, with smooth surface

Cavity preparation(Compatible with Refine & SATELEC)

SBD1



Diamond coated instrument for caries removing on occlusal surface and the neck of teeth

SBD2



Diamond coated instrument for caries removing on mesial surface of adjacent teeth

SBD3



Diamond coated instrument for caries removing on mesial surface of adjacent teeth

SBD4



Diamond coated instrument for caries romoving on occlusal surface and the neck of teeth

SBD5



Diamond coated instrument for caries removing on mesial surface of adjacent teeth

SBD6



Diamond coated instrument for caries removing on mesial surface of adjacent teeth

SBDL



Diamond coated instrument for caries removing on mesial surface of adjacent teeth

SBD7L



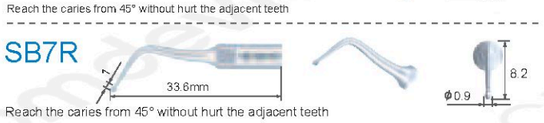
Diamond coated instrument for caries removing on mesial surface of adjacent teeth

SBDR



Reach the caries from 45° without hurt the adjacent teeth

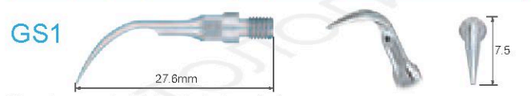
SB7R



Reach the caries from 45° without hurt the adjacent teeth

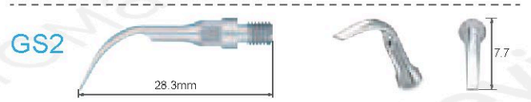
Supragingival scaling(compatible with SIRONA)

GS1



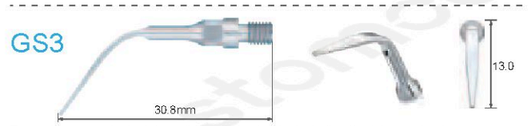
Removing supragingival deposits in all quadrants

GS2



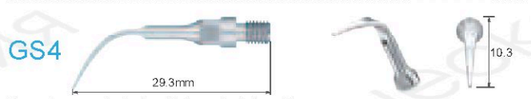
Removing heavy supragingival deposits on anterior teeth

GS3



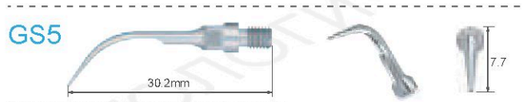
Removing supragingival deposits in all quadrants, including the interproximal and sulcus areas

GS4



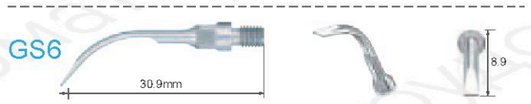
Removing supragingival and interproximal deposits

GS5



Removing supragingival deposits in all quadrants

GS6



Removing voluminous supragingival deposits

GS7



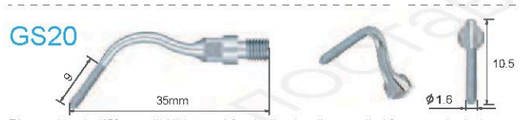
Removing crown

GS8



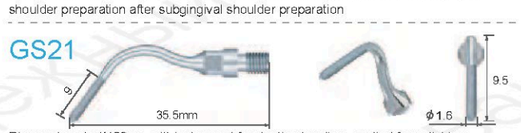
Removing post

GS20



Diamond coated(50um grit) instrument for dentin abrading, applied for supragingival shoulder preparation after subgingival shoulder preparation

GS21



Diamond coated(120um grit) instrument for dentin abrading, applied for polishing of prepared supragingival and subgingival shoulder

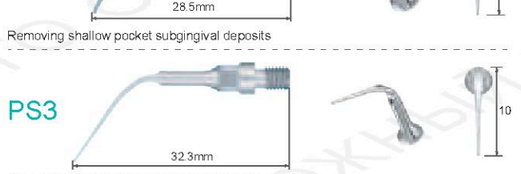
Subgingival scaling(compatible with SIRONA)

PS1



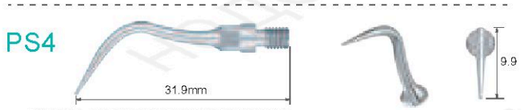
Removing shallow pocket subgingival deposits

PS3



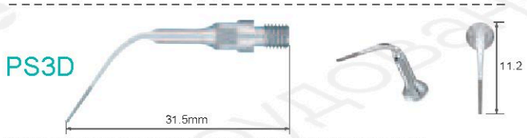
Removing deep pocket subgingival deposits

PS4



Removing shallow pocket subgingival deposits

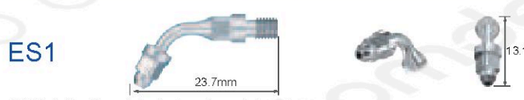
PS3D



Diamond coated instrument for root planning after periodontal flap surgery

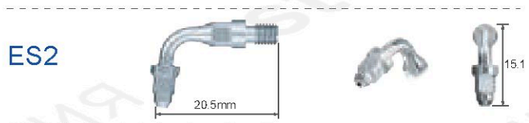
Endo treatment(compatible with SIRONA)

ES1



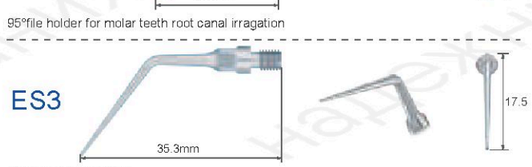
120°file holder for anterior teeth root canal irragation

ES2



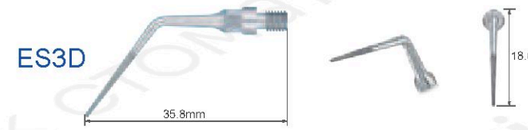
95°file holder for molar teeth root canal irragation

ES3



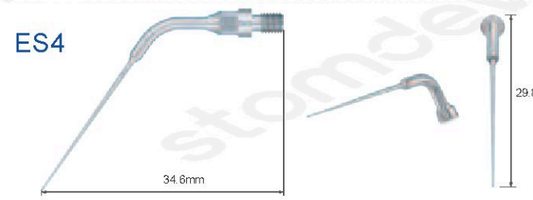
Gutta-percha melting

ES3D



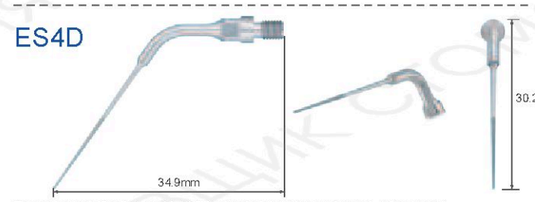
Diamond coated instrument for enlarging root canal and access to files

ES4



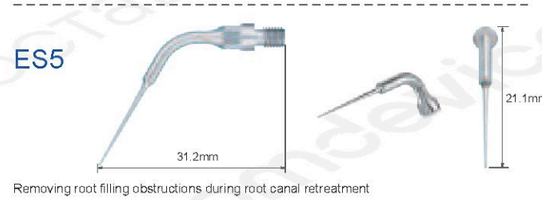
Removing root filling obstructions during root canal retreatment

ES4D



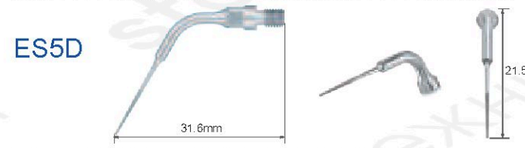
Removing calcification and bad filling material during root canal retreatment

ES5



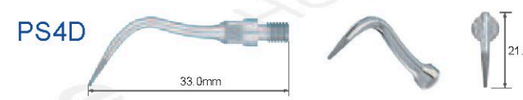
Removing root filling obstructions during root canal retreatment

ES5D



Removing calcification and bad filling material during root canal retreatment

PS4D



Diamond coated instrument for enlarging root canal and access to files

Cavity preparation(compatible with SIRONA)

SBS1

Diamond coated instrument for caries romoving on occlusal surface and the neck of teeth

SBS2

Diamond coated instrument for caries removing on mesial surface of adjacent teeth

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SBS3



Diamond coated instrument for caries removing on mesial surface of adjacent teeth

SBSL



Diamond coated instrument for caries removing on mesial surface of adjacent teeth

SBSR



Reach the caries from 45° without hurt the adjacent teeth

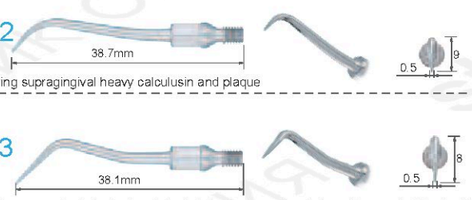
Compatible with KAVO SonicFlex 2003

GK1



Removing supragingival deposit in all quadrants

GK2

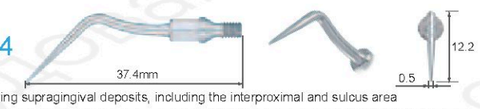


Removing supragingival heavy calculusin and plaque

GK3

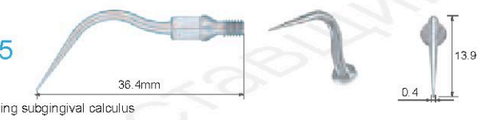
Removing supragingival calculus, interdental calculus and calculus at the neck of the teeth

GK4



Removing supragingival deposits, including the interproximal and sulcus area

GK5



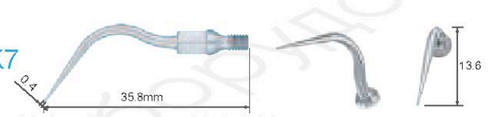
Removing subgingival calculus

GK6



Left angle instrument for revmoving subgingival calculus

GK7



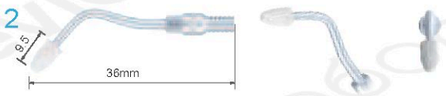
Right angle instrument for revmoving subgingival calculus

GK8



Perio, extra-long, for removal of supragingival and subgingival calculus

GK12



Rounded plastic cover, gentle and secure placement of inlays

GK14



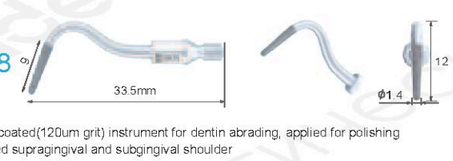
Diamond coated instrument for dentin abrading, applied for supragingival shoulder preparation after subgingival shoulder preparation

GK16



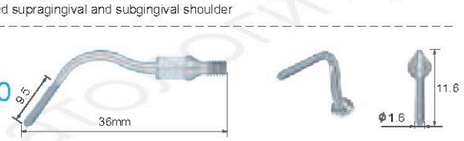
Diamond coated(50um grit) instrument for dentin abrading, applied for supragingival shoulder preparation after subgingival shoulder preparation

GK18



Diamond coated(120um grit) instrument for dentin abrading, applied for polishing of prepared supragingival and subgingival shoulder

GK20



Diamond coated(50um grit) instrument for dentin abrading, applied for supragingival shoulder preparation after subgingival shoulder preparation

GK21



Diamond coated(120um grit) instrument for dentin abrading, applied for polishing of prepared supragingival and subgingival shoulder

GK30



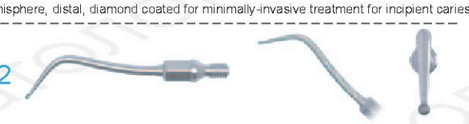
Small hemisphere, mesial, diamond coated for minimally-invasive treatment for incipient caries

GK31



Small hemisphere, distal, diamond coated for minimally-invasive treatment for incipient caries

GK32



Large hemisphere, mesial, diamond coated for minimally-invasive treatment for incipient caries

GK33



Large hemisphere, distal, diamond coated for minimally-invasive treatment for incipient caries

GK42



Ball, Φ0.8 mm, diamond coating, ultra-conservative, sonoabrasive caries excavation, fine

GK43



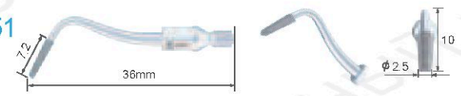
Ball, Φ1.2mm, diamond coating, ultra-conservative, sonoabrasive caries excavation, fine

GK45



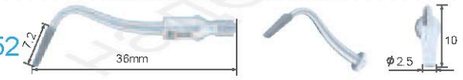
Conial, straight tip Φ0.5mm, diamond coating, minimally-invasive preparetion, no-pain when opening of fissures

GK51



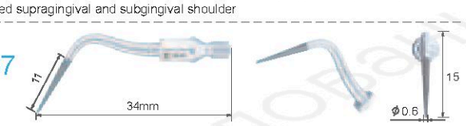
Diamond coated(50um grit) instrument for dentin abrading, applied for supragingival shoulder preparation after subgingival shoulder preparation

GK52



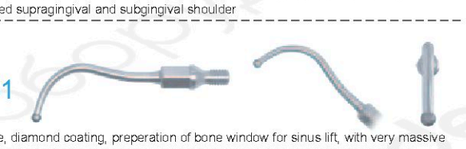
Diamond coated(120um grit) instrument for dentin abrading, applied for polishing of prepared supragingival and subgingival shoulder

GK67



Diamond coated(120um grit) instrument for dentin abrading, applied for polishing of prepared supragingival and subgingival shoulder

GK81



Ball, large, diamond coating, preperation of bone window for sinus lift, with very massive bones, if applicable, rotating and sectioning of substantia corticalis, plus removal of remaining bone using the diamond-coated tip.

GK83



Saw sagittal, removal of bone blocks, osteotomies (distraction, bone splitting); if applicable, dealing with extremely thick, substantia corticalis

GK84



GK85



Elephant foot, the disc-shaped form, makes it ideal for safe repositioning of the Schneider membrane, during a sinus lift.

GK86



Bone harvester, ideal for easy and quick harvesting, of greater quantities of bone, especially useful for bone augmentation.

GK100



Cutting thickness 0.25 mm, cutting depth 10.7 mm

GK101



Cutting thickness 0.25 mm, cutting depth 10.7 mm

Compatible with KAVO SonicFlex 2008

5A



Applied to removing supragingival deposits in all quadrants.

6A



Applied to removing subgingival calculus, including the interproximal and sulcus area.

7A



Applied to removing supragingival calculus, interdental calculus and calculus at teeth neck.

8A



Removing supragingival deposits, including the interproximal and sulcus area

12A



120°file holder for anterior teeth root canal irragation

30A



Small hemisphere, mesial, diamond coated for minimally-invasive treatment for incipient caries

https://stomdevice.ru - стоматологическое и зуботехническое оборудование с доставкой по России и СНГ

stomdevice

31A



Small hemisphere, distal, diamond coated for minimally-invasive treatment for incipient caries

32A



Large hemisphere, mesial, diamond coated for minimally-invasive treatment for incipient caries

33A



Small hemisphere, distal, diamond coated for minimally-invasive treatment for incipient caries

42A



Ball, Φ0.8 mm, diamond coating, ultra-conservative, sonoabrasive caries excavation, fine

43A



Ball, Φ1.2mm, diamond coating, ultra-conservative, sonoabrasive caries excavation, fine

60A



Long-straight tip-rounded surface, gentle pocket cleaning during periodontal treatment; effective cleaning in pockets up to 9 mm deep; for the anterior region, smooth surfaces

61A



Angled tip, left-rounded surface, gentle pocket cleaning during periodontal treatment; effective cleaning in pockets up to 9 mm deep; from first/third quadrant to central incisor accessed buccally, then cleansing of front teeth, premolars and molars of the second/fourth quadrant, accessed palatally/lingually

62A



Angled tip, gentle pocket cleansing during periondontal treatment; effective cleansing in pockets up to 9 mm deep; From second/fourth quadrant to central incisor accessed buccally, then cleansing of front teeth, premolars and molars of the first/third quadrant, accessed palatally/lingually

67A



Conical 125°. Diamond coating, expansion of larger channels

81A



Ball, large, diamond coating, preperation of bone window for sinus lift, with very massive bones, if applicable, rotating and sectioning of substantia corticalis, plus removal of remaining bone using the diamond-coated tip.

83A



Saw sagittal, removal of bone blocks, osteotomies (distraction, bone splitting); if applicable, dealing with extremely thick, substantia corticalis

84A



Saw axial, removal of bone blocks, osteotomies (distraction, bone splitting); if applicable, dealing with extremely thick, substantia corticalis

85A



Elephant foot, the disc-shaped form, makes it ideal for safe repositioning of the Schneider membrane, during a sinus lift.

86A



Bone harvester, ideal for easy and quick harvesting, of greater quantities of bone, especially useful for bone augmentation

100A



Cutting thickness 0.25 mm, cutting depth 10.7 mm

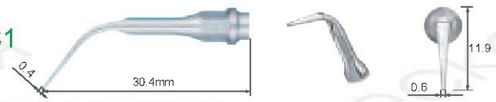
101A



Cutting thickness 0.25 mm, cutting depth 10.7 mm

Compatible with KAVO SonaSoft

GC1



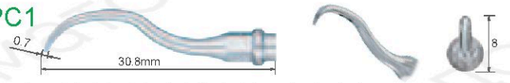
Removing supragingival deposit in all quadrants

GC2



Removing supragingival calculus, interdental calculus and calculus at the neck of the teeth

PC1



Removing subgingival calculus, including the interproximal and sulcus area

Compatible with KAVO PiezoLed

201



Removing supragingival and interproximal deposits

202



Removing supragingival deposits in all quadrants, including the interproximal and sulcus areas

203



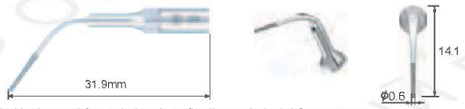
Removing deep pocket subgingival deposits

210



Diamond coated instrument for root planning after the periodontal flap surgery

211



Diamond coated instrument for root planning after the periodontal flap surgery

222



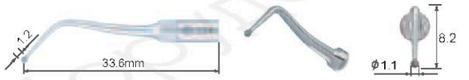
120°file holder for anterior teeth root canal irragation

225



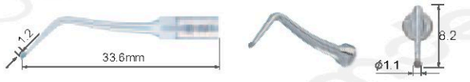
Rounded plastic cover, gentle and secure placement of inlays

226



Diamond coated instrument for caries romoving on occlusal surface and the neck of teeth

227



Diamond coated instrument for caries removing on mesial surface of adjacent teeth

228



Diamond coated instrument for caries removing on mesial surface of adjacent teeth

229



Diamond coated instrument(90um grit) for preparation between pit and fissure

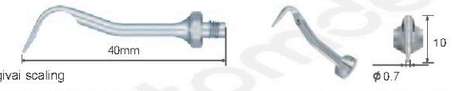
Compatible with Amdent

A1



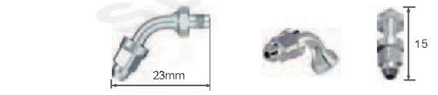
Supragingival scaling

A2



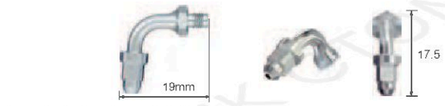
Supragingival scaling

AE1



120°file holder for anterior teeth root canal irrigation

AE2



95°file holder for molar teeth root canal irrigation

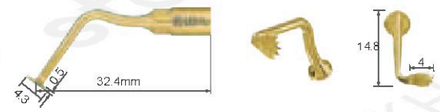
Osteotomy(Compatible with Mectron)

US1



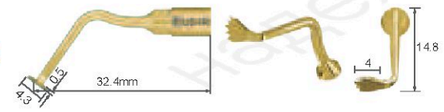
High efficient osteotomy for large bone during maxillofacial surgery and exodontia exodontics

US1L



Left angel horizontal osteotomy technique in maxilla and mandible.

US1R



Right angel horizontal osteotomy technique in maxilla and mandible.

US2



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

US3

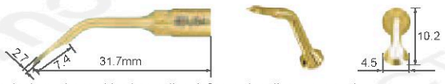


High precise osteotomy in anatomically thin structure

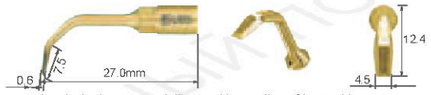
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stomdevice

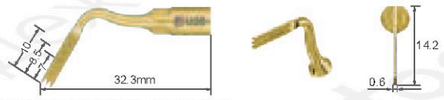
Osteotomy(Compatible with Mectron)

US4


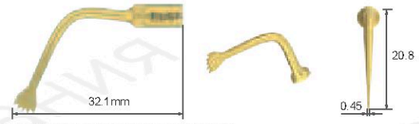
Periodontal osteotomy, bone chips harvesting, inflammatory tissue removal

US5


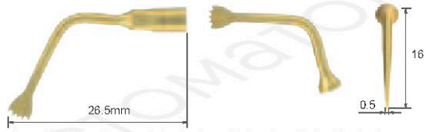
High efficient bone osteoplasty, bone remodelling and harvesting of bone chips

US6


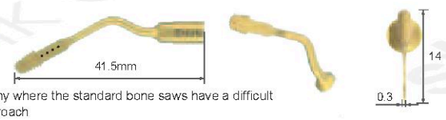
High precise osteotomy in anatomicallly thin structure
(ridge expansion, corticotomy technique)

US7


High efficient osteotomy for large bone during maxillofacial
surgery and exodontia exodontics

US11


Radge expansion, bone block grafting, Le fort osteotomy biateral sagittal split osteotomy

US12


For osteotomy where the standard bone saws have a difficult
surgical approach

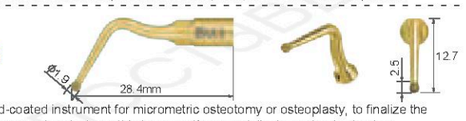
Sinus lift(Compatible with Mectron)

UL1

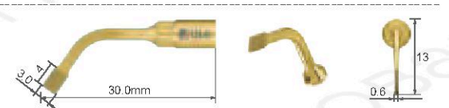

Sinus memberane separation in internal area, non-cutting elevator of sinus membrane

UL2

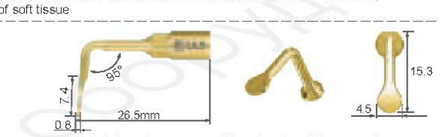

Schneiderian membrane separation from bony wall, sinus membrane separation

UL3


Diamond-coated instrument for micrometric osteotomy or osteoplasty, to finalize the
osteotomy or osteoplasty on thin bone and/or near delicate anatomic structure

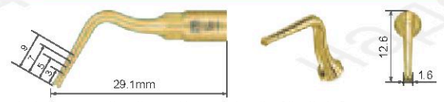
UL4


Diamond coated instrument for micrometric osteotomy, to finalize the osteotomy
in proximity of soft tissue

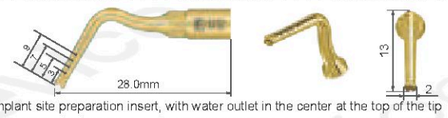
UL5


Sinus membrane separation in internal area, non-cutting elevator of sinus membrane

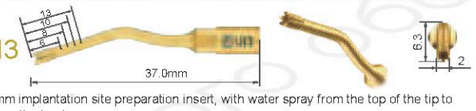
Implant preparation(Compatible with Mectron)

UI1


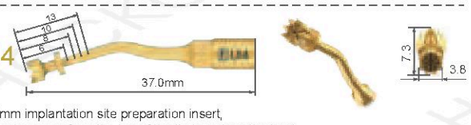
Φ1.6mm implant site preparation, the working area length of the tip is 9mm

UI2


Φ2mm implant site preparation insert, with water outlet in the center at the top of the tip

UI3


Φ2mm implantation site preparation insert, with water spray from the top of the tip to
reduce the heat

UI4


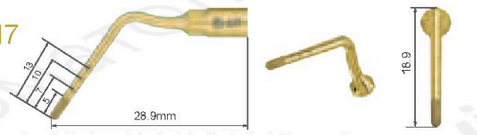
Φ3.8mm implantation site preparation insert,
with water spray from the top of the tip to reduce the heat

UI5

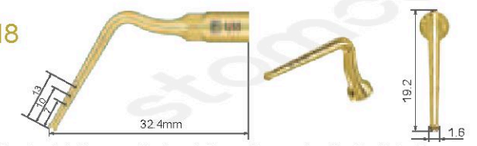

Φ2mm implantation site preparation insert,
with water spray from the top of the tip to reduce the heat

UI6

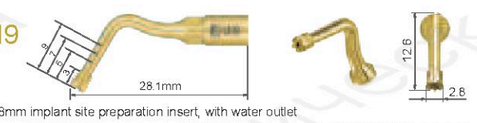

Φ3.8mm implantation site preparation insert, with water spray from the top of
the tip to reduce the heat

UI7


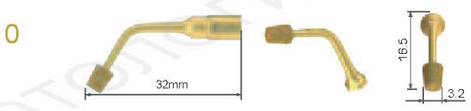
Diamond coated instrument for finalizing the implant site preparation
close to the alveolar nerve

UI8


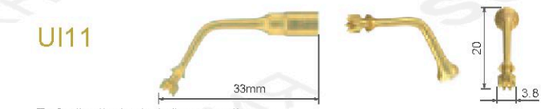
Φ1.6mm implant site preparation insert. The working area length of the tip is 15mm

UI9


Φ2.8mm implant site preparation insert, with water outlet

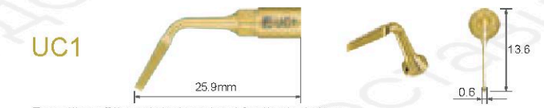
UI10


To optimize concentricity of implanty site preparation of ⌀3mm

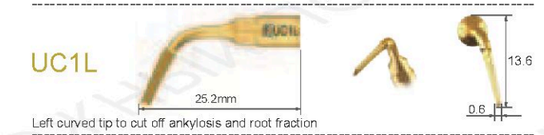
UI11


To finalize the implant site preparation

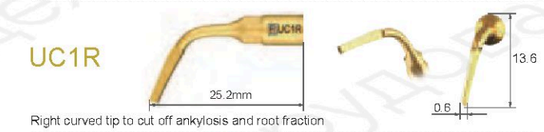
Extraction(Compatible with Mectron)

UC1


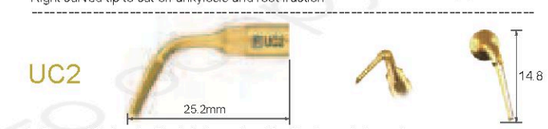
For cutting off the ankylosis and root fraction technique

UC1L


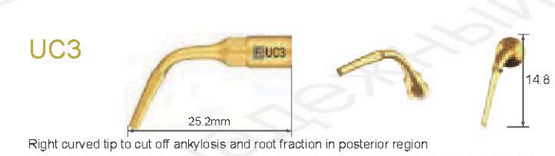
Left curved tip to cut off ankylosis and root fraction

UC1R


Right curved tip to cut off ankylosis and root fraction

UC2


Left curved tip to cut off ankylosis and root fraction in posterior region

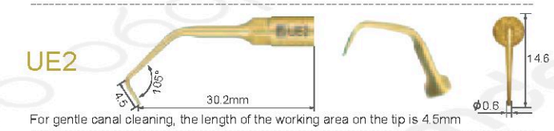
UC3


Right curved tip to cut off ankylosis and root fraction in posterior region

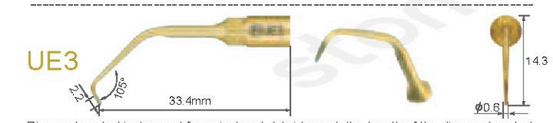
Endo treatment(Compatible with Mectron)

UE1

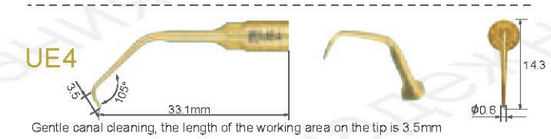

Diamond coated instrument for apical root debridement, the length of the
diamond coated on tip is 3.3mm

UE2


For gentle canal cleaning, the length of the working area on the tip is 4.5mm

UE3


Diamond coated instrument for apical root debridement, the length of the diamond coated
part is 2.2mm

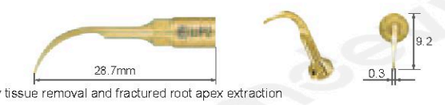
UE4


Gentle canal cleaning, the length of the working area on the tip is 3.5mm

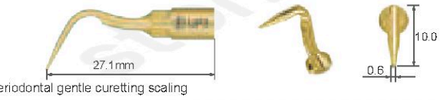
Perio treatment(Compatible with Mectron)

UP1

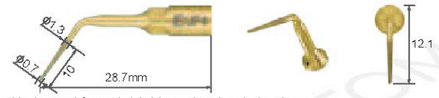

For periodontal gentle curetting scaling

UP2


Inflammatory tissue removal and fractured root apex extraction

UP3


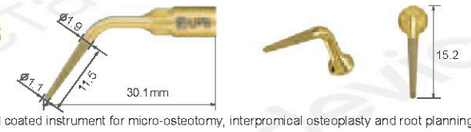
For angled periodontal gentle curetting scaling

UP4


Diamond coated instrument for root debridement and root planning

UP5

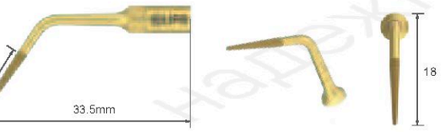

For root surface micro-smoothening

UP6


Diamond coated instrument for micro-osteotomy, interpromical osteoplasty and root planning

UP7


Diamond coated instrument for root canal orientaiton and removal of calcification located at
the 1/3 part of root canal, it can also be used for micro-osteoplasty

UP8


Diamond coated instrument for micro-osteotomy, interpromical osteoplasty and root planning

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