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DTE®

301 Patents; 60 invention patents; Exported to 133 countries

DTE

Since 1989

CATALOGUE

GUILIN WOODPECKER MEDICAL INSTRUMENT CO., LTD.

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我是一个中国人，我会用我的一生做好一件事，一件能让外国人尊重，能让中国人自豪的事。

吴勋贤 2004.2.19.

Introduction of Woodpecker Company

Concentration

Since **1989**, Woodpecker concentrates on the R&D of dental products.
7 product categories, **85%** domestic market share, and exported to **133** countries.

Innovation

306 employees, **75%** of them are Graduates or above or above,
18.6% are full time R&D team, **301** Intellectual rights, **60** invention patents.

Scale

26841 m² existing manufacturing and research base, **80000** m² base under construction.
27 million USD invested to build up full-automatic processing and testing center.


Aerial View of Company


Science Building


Library


Lecture Hall


Show Room



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Woodpecker products have been exported to 133 countries around the world



Europe 41 countries

Albania
Belarus
Finland
Ireland
Bulgaria
Netherlands
Estonia
Belgium
Montenegro
Andorra
Bosnia and Herzegovina
Croatia
Austria
Poland
Lithuania
Denmark
German
Luxembourg
Russia
France
Romania
Czech
Latvia
Malta
Macedonia
Moldova
Norway
Portuguese
Sweden
Swiss
Serbia
Slovak
Slovenia
Ukraine
Spain
Greece
Hungary
Italy
Britain
Cyprus
Monaco

Oceania 3 countries

Australia
New Caledonia
New Zealand

Asia 43 countries

Afghanistan
Bahrain
The United Arab Emirates
North Korea
Oman
Philippines
Azerbaijan
Georgia
Pakistan
South Korea
Kyrgyzstan
Cambodia
Qatar
Kuwait
Laos
Lebanon
Malaysia
Bengal
Myanmar
Nepal
Japan
Saudi Arabia
Sri Lanka
Tajikistan
Thailand
Turkey
Singapore
Syria
Armenia
Yemen
Iraq
Iran
Israel
India
Indonesia
Jordan
Vietnam
Mongolia
Uzbekistan
Turkmenistan
Maldives

America 22 countries

Canada
Nicaragua
USA
Salvador
Argentina
Guatemala
Paraguay
Venezuela
Panama
Uruguay
Brazil
Chile
Bolivia
Cuba
Dominican
Puerto Rico
Ecuador
Costa Rica
Colombia
Honduras
Peru
Mexico

Africa 24 countries

Algeria
Libya
Senegal
Egypt
Reunion
Sudan
Ghana
Madagascar
Botswana
Zimbabwe
Morocco
Burkina Faso
Cameroon
Namibia
Mozambique
Kenya
South Africa
Ethiopia
Mauritius
Nigeria
Niger
Tunisia
Zambia
Somalia

All staffs of Woodpecker



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29 years' technical innovation

Made in China German quality

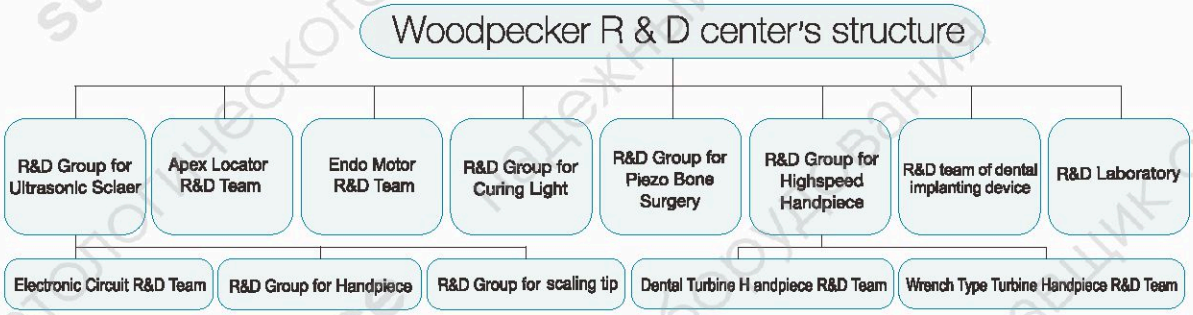
High – quality Durable Innovative

Experienced R&D team in dental instrument industry

Constituted of 11 teams specializing on each products in Woodpecker. Woodpecker now has 60 professional engineers focusing on researching and development of new technique in dental industry. And our target is to satisfy our customers by producing innovative and safe products

Professional R&D team for each product.

29 years' concentration and innovation in core technology research and development.

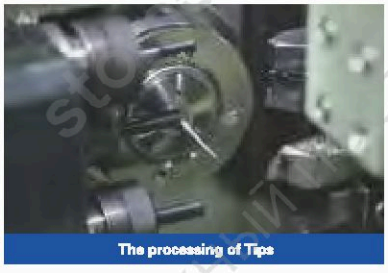


Advanced processing equipment in dental industry




The processing of core parts in handpiece


The processing of high speed turbine handpiece


The processing of Tips

- Invest 21.3 million USD to the construction of CNC Center which occupies an area of 2300 m². Automatic processing equipment is imported from Japan.
- The production of every core part is supported by equipment which costs more than a million yuan.

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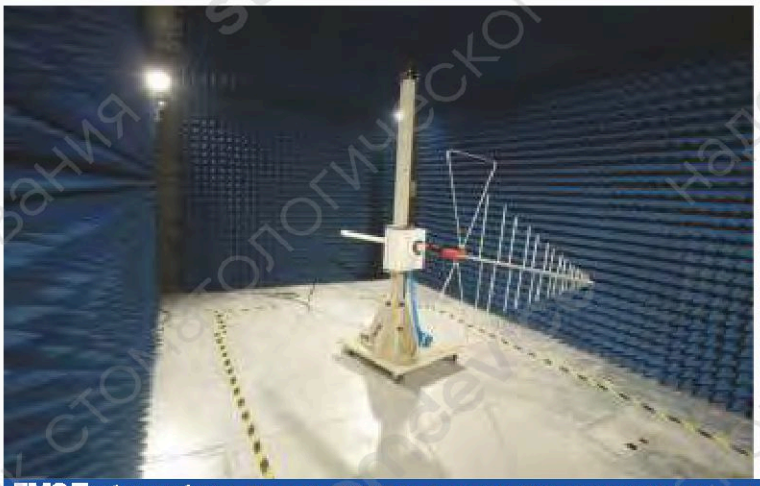
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Leading laboratory in dental industry

Occupy an area of 1280 m².
Imported professional equipment from Germany, U.S.A, and Japan costs 5.7 million USD.

Laboratory Center Structure

- Electromagnetic compatibility test room
- Climate-environment test room
- Mechanical performance test room
- Materials analysis room
- Chemistry analysis room
- Aging room
- Assembly and adjustment room
- Dental experiencing room





EMC Tester system The only EMC Test System in Chinese dental industry which costs 0.76 million USD.



Mechanical Environmental Laboratory Simulate various extremely mechanical environments to ensure the quality of products.



Direct reading spectrometer
imported from Germany, to detect components of elements, improving quality of raw material



Roundness measuring instrument
imported from Japan, high degree of accuracy(0.01um)



Roughness detector
imported from Japan , to test the roughness of metal surface



Energy dispersive X-ray fluorescence spectrometer
To detect the harmful materials, according to the demand of EU standard



Climate Environmental Laboratory Simulate various extreme climate environments to ensure the quality of products.

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How to check Authenticity



*The new anti-forgery query system is only applicable to products produced since 11st, September, 2014.

Harm of fake products

and are two brands of Guilin Woodpecker Medical Instrument Co., Ltd. Recently, there are many fake ultrasonic scaler handpieces, tips and curing lights are produced and sold into the market, which does harm to users' interest. On this issue, Woodpecker will crack down fake products and provide safe and secure medical instrument products.

1. Harm of fake ultrasonic scaler handpieces.

1.1 Fake handpieces with poor-designed inner structure can lead to frequent power leakage, which may cause medical accidents.

1.2 Material used on fake handpieces don't pass biocompatible test, which can easily lead to irritability and poisoning.

1.3 Fake handpieces have quality problems of overheating, non-vibration and cracking, which cause ultrasonic scalers out of order.

1.4 Fake handpieces can't be compatible with ultrasonic scalers, thus leading to circuit burn out.

2. Harm of fake scaler tips.

2.1 Fake tips are low in toughness, poor in resistance and easy to crack, thus easily cause medical accident.

2.2 Fake tips' screw threads are roughly processed, which can cause handpiece's screw loosing and cracking.

2.3 Material used on fake tips is inferior and easily rusting, which can cause infection of patient.

2.4 Fake tips have problem of poor water-spraying, bad screw-thread fit and water leaking, which leads ultrasonic scalers work wrongly.

3. Harm of fake curing light.

3.1 Fake curing light's batteries can cause self-ignite, even explosion with poor-quality material and no complete charging management

3.2 Light intensity of fake curing light is not constant, when battery level goes down under 60%, it would lead to incomplete solidification of resin, causing secondary dental caries.

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Implant-X

Precise toision Srtrong and powerful

Woodpecker Implant Motor adopts mute motor imported from Swiss. Advanced FOC controlling technique blends low speed performance with high speed performance. In order to verify the clinical features of flexible response and stable safety, Implant Motor R & D personnel go into the operating room, getting them involved in clinical applications. Under the instruction and assistance of experts from home and abroad, they finally complete the clinical optimization of product. Woodpecker spares no efforts to provide you high quality products.



Rapid and stable response of mute motor

Light motor, more flexible operation

Large-size touching screen, clear display

Strong twist force; accurate limited force

Low speed thread tapping; safer constant speed



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LX16

A New Generation Of High Power Dental Diode Lasers

Laser parameter:

- Wavelengths & optical power:
  976 ± 10 nm / approx. 0.1 – 10.0 W (CW), optical peak power approx. 16 W;
  650 ± 10 nm / approx. 25 – 200 mW (CW)
- Laser system:
  976 nm: Class IV; 650 nm: Class II(according to IEC 60825-1)
- Emission modes:
  CW (continuous wave), chopped 1 Hz to 50 kHz

Aiming beam:

650 ± 10 nm /1 – 3mW (CW)

- Optical fiber thickness:
  320 and 200 µm (fiber tips),8 mm (glass rods)
- Battery:
  5200mAh@11.1V(57.7Wh)

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WORLDWIDE LAUNCHING PT 3

PIEZOELECTRIC CERAMICS PAINLESS PERIODONTAL TREATMENT DEVICE

18 invention patents **116 national patents**

29 years of research on ultrasonic scaling

Treatment effect:



Before treatment | Under treatment | After treatment | One month later

Save scaling

Tip amplitude is about 20-60 μ m, equivalently third of diameter of a single hair.
Excellent sci-tech outcome assures your save and painless treatment



Implant maintenance P90

Tip end is wrapped with PEEK material
Clean and repair implants



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PT 3 main specifications:

Frequency: 28000Hz	Tips hardness: 30HRC
Vibration amplitude: 20~60um	Treatment depth:14mm

Equipped with: 2 handpieces+10 tips



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PT 5

PAINLESS PERIODONTAL

Piezoelectric Ceramics Painless Periodontal Treatment Device



Root canal treatment



ENDO SCALING FAST & COMPLETE



After scaling, there is no smear layer on root canal surface, only a few amount of debris left.

Endo scaling
(E51 E52)



For removing the calcification and bad fillings in root canal
(E3D)



For removing the calcification in the coronal third of the root canal
(P4D)



Looking for root canal orifice
(E12D)



Diamond-coated, ball head, for looking for root canal orifice with security, accuracy and efficiency

Root canal retreatment, removing foreign body
(E6 E7 E14 E15)



Special material (E6, E7), extremely thin and soft, good conductivity to ultrasound

Main specifications:

Frequency: 28000Hz—42000Hz	Tips hardness: 30HRC
Vibration amplitude: 20~60um	Treatment depth:14mm



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Elliptical vibration track endows polishing function.

Tip amplitude is about 20–60 μ m, equivalently third of diameter of a single hair.

Elliptical vibration track disperses the impact force between tip and teeth while realizing 360° scaling and polishing.

Perform scaling and polishing at the same time.





Distinctive touching system

Clear control panel.

12 grades power setting

Optional dual water supply modes: external water supply & automatic water supply

Ultra-sensitive touching system

Stickers, gloves, and drippings will not affect operation.

Sealed handpiece with LED ensures clear oral cavity vision

Handpiece can be autoclaved, avoiding cross-infection
Durable life span



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E51



120° angle holder: Swishing anterior teeth coordinated with swished file after root canal preparation, used in E mode.

E52



95° angle holder: Swishing posterior teeth coordinated with swished file after root canal preparation, used in E mode.

E3



Using ultrasonic melt to press gutta-percha for lateral pressure, used in E mode without water.

E3D



Diamond-coated(40μm) instrument for removing calcification and bad filling material in root canal,used in E mode.

E6



Special material

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

E7



Special material

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

P4D



Diamond coated(40μm), used to remove the calcification in the coronal third of the root canal and used in E mode.

P50L



Used for subgingival scaling, periodontal pocket probing and root planing

Applicable areas: labial proximal surface of upper front teeth, lingual proximal surface of upper front teeth, buccal interproximal in B quadrant, and lingual interproximal in C quadrant

P50R



Used for subgingival scaling, periodontal pocket probing and root planing

Applicable areas: labial proximal surface of upper front teeth, lingual proximal surface of upper front teeth, lingual interproxima in B quadrant

P52



Used for subgingival scaling, periodontal pocket probing and root planing

Applicable areas: lingual and lip side of front teeth and lower front teeth, buccal side in A quadrant and maxillofacial side in B quadrant

P53L



Used for subgingival scaling, periodontal pocket probing and root planing

Applicable areas: labial proximal surface of upper front teeth, lingual proximal surface of upper front teeth, buccal interproximal in B quadrant, and lingual interproximal in C quadrant

P53R



Used for subgingival scaling, periodontal pocket probing and root planing

Applicable areas: labial proximal surface of upper front teeth, lingual proximal surface of upper front teeth, lingual interproximal in B quadrant

P56



Use for removing big calculus, no hurt to gum when scaling in the gingival margin

Applicable areas: lingual and lip side of Front teeth and lower front teeth, buccal side in A quadrant and maxillofacial side in B quadrant

P59



Use for subgingival scaling, periodontal pocket probing and root planing

Applicable areas: lingual and lip side of front teeth and lower front teeth, buccal side in A quadrant and maxillofacial side in B quadrant

P90



Implant maintenance

Clean implants and restorations
Make sure water can reach the top of tip.
Power should be no more than level 7, or the peek head may be broken

SPOILING YOU SO MUCH !



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D600 Ultrasonic Scaler

Intelligent power output Experience painless treatment

29 years innovation

Professional scaler manufacturers

Woodpecker scaler owns **103** national patents **9** national invention patents



Supragingival scaling



Subgingival scaling



Endodontic irrigation



Endodontic irrigation





After ultrasonic irrigation, there is no smear layer on surface but a few amount of dentin debris in the root canal.

Root canal irrigation is the most widely used clinical support methods. Its purpose is to remove the substance inside root canal, dissolve diseased tissue, remove pathogenic microorganisms, and remove smear layer. Lubricate the root canal internal wall. During root canal preparation process, prevent the infectious substance from being pushed to the deep part or out of the apical foramen, reducing the risk of instrument fracture in root canal.

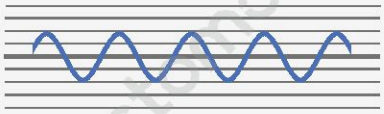
Compared with the traditional syringe irrigation, ultrasonic irrigation can better remove bacteria, dentin debris, and smear layer in root canal. And it can well clean special structures such as the lateral branch canal and root canal narrow area. Currently, ultrasonic irrigation is widely used in endodontic therapy in order to receive a better root canal preparation effect.

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Sine wave drive

Avoid pain caused by power surge;
ensuring comfortable treatment.

D600 Mild power output



High-quality handpiece

Aluminum shell can be autoclaved,
causing no cracking or deformation
Advanced handpiece sealing technique enables long durability
User-friendly design brings better holding feeling



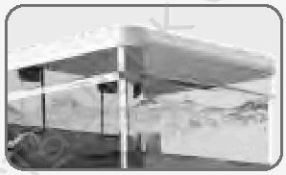
Intelligent touching system

Clear control panel
Ultra-sensitive
Waterproof design



Automatic water supply system

Easy to change water, eliminating redundant steps
Hydrogen peroxide, sodium hypochlorite, and chlorhexidine is available
Clear 50ml scale mark makes it convenient for formulating liquid



Detachable handpiece with light

Detachable handpiece with light
Detachable handpiece with light enables better visibility
and adopts new sealing technique, bringing patients comfortable scaling.

D600 Ultrasonic Scaler is equipped with various shapes of tips, including slender tip which is specially used to perform subgingival scaling. Operators can choose tip according to the size and position of dental calculus. While tip starts to vibrating, the water spraying system should spray water to tip to form water spray at the same time.
On the one hand, it can cool the tip. On the other hand, it will help form cavitation effect, that is, subtle vacuum bubble quickly collapses and produces energy to scour the calculus, plaque and the broken tartar and blood.

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S6

Ultrasonic Endodontic Expert

Comfortable Scaling

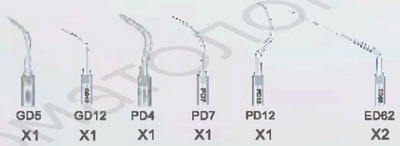
Integrate supragingival scaling, subgingival scaling,
and endodontic treatment into a whole

Microcomputer control and automatic frequency
tracking enable more stable performance

Intelligent degenerative system enhances professional operation

Smart touching system makes it easier to operate

Main unit input: -24v 50hz
Water pressure: 0.01MPa-0 5MPa
Frequency: 28KHZ+ 3KHZ
Main unit weight: 650g
Dimensions: 197mmx174mmx74mm



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D7-LED

Use of anti-rot material in internal water system enables use of clinical solutions such as hydrogen peroxide, sodium hypochlorite, and chlorhexidine, improving the effect of periodontal treatment and endodontic irrigation dramatically.
Detachable handpiece enables better visibility and adopts new sealing technique, bringing patients comfortable scaling.
Automatic degenerative feedback and constant power output brings rather comfortable scaling.

Scaling | Perio | Endo | Handpiece with LED | Auto-water supply

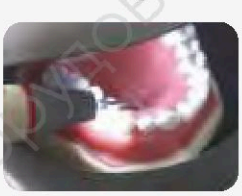
Voltage input:	~220V 50HZ
Main unit weight:	1.17kg
Main unit input:	~24V 50HZ 1.3A
Transformer weight:	1.0kg
Output power:	38VA
Frequency:	28kHz ± 3KHz
Dimensions:	241mmX193mmX97mm



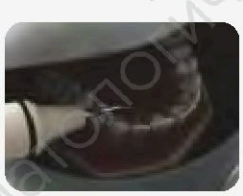
Expert in endodontic irrigation



With light — Without light



Clear vision



Blurred vision



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D5-LED

Scaling | Perio | Endo | Handpiece with LED

Detachable handpiece with light enables better visibility.
Handpiece adopts new sealing technique,
bringing patients comfortable scaling.
Automatic degenerative feedback and
constant power output brings rather comfortable scaling.

Voltage input:	~220V 50Hz
Main unit input:	~24V 50Hz 1.3A
Output power:	38VA
Frequency:	28kHz ± 3kHz
Water pressure:	0.1bar~5bar (0.01MPa~0.5MPa)
Main unit weight:	0.65kg
Transformer weight:	1kg
Dimensions:	188mm × 159mm × 81mm







D3-LED

Scaling | Perio | Handpiece with LED

Detachable handpiece with light enables better visibility
Microcomputer control, automatic frequency tracking
Automatic degenerative feedback and constant power
output brings rather comfortable scaling.

Voltage input:	~220V 50Hz
Main unit input:	~24V 50Hz 1.3A
Output power:	38VA
Frequency:	28kHz ± 3kHz
Water pressure:	0.1bar~5bar (0.01MPa~0.5MPa)
Main unit weight:	0.66kg
Transformer weight:	1kg
Dimensions:	198mm × 134mm × 80mm





D2-LED

Scaling | Perio | Handpiece with LED

Built-in power supply; automatic frequency
tracking system enables stable performance
Microcomputer control; easy and high efficiency operation
Silicone sleeve of handpiece can be autoclaved to avoid cross-infection

Voltage input:	~220V 50Hz
Output power:	38VA
Frequency:	28kHz ± 3kHz
Water pressure:	0.1bar~5bar (0.01MPa~0.5MPa)
Main unit weight:	1.56kg
Dimensions:	227mm × 158mm × 75mm



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D1

Scaling | Perio

Sealed handpiece

Automatic frequency tracking system

Automatic degenerative feedback and constant power output brings rather comfortable scaling.

Voltage input:	~220V 50Hz
Main unit input:	~24V 50Hz 1.3A
Output power:	38VA
Frequency:	28kHz ± 3kHz
Water pressure:	0.1bar~5bar (0.01MPa~0.5MPa)
Main unit weight:	0.62kg
Transformer weight:	1kg
Dimensions:	203mm × 138mm × 94mm



D6-LED

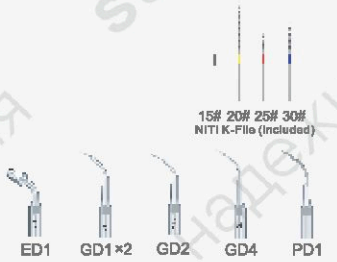
Automatic water supply system brings more convenient operation. (Optional)

Detachable handpiece with light enables better visibility. Automatic degenerative feedback and constant power output brings more comfortable scaling.

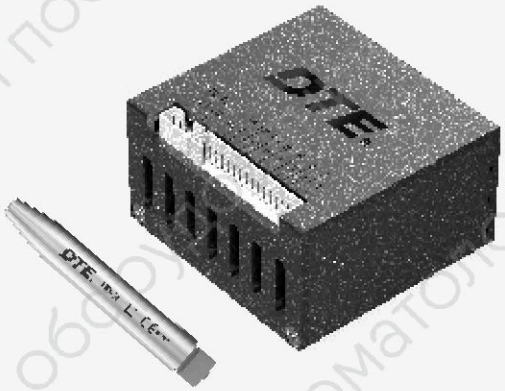
Scaling | Perio | Endo | Handpiece with LED | Auto-water supply



Voltage input:	220 – 240V~ 50Hz/60Hz 150mA
Main unit input:	24V~ 50Hz/60Hz 1.3A
Output power:	5V~ 50Hz/60Hz 200mA
Frequency:	3W~20W
Water pressure:	28kHz ± 3kHz
Main unit weight:	0.1bar~5bar (0.01MPa~0.5MPa)
Transformer weight:	1kg
Dimensions:	193.5mm × 133mm × 75.8mm



V6 LED



Main unit input: ~24V50HZ
Main unit weight: 0.13kg
Output power: 38VA
Frequency: 28KHz±3KHz
Dimensions: 59mm×57mm×33mm

Supragingival & Subgingival scaling
Optional Endo function
Detachable metal handpiece prevents crack
Microcomputer control, automatic frequency tracking
30% smaller than the volume of N2,
occupies less space of tray in dental chair



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V3 LED



Detachable handpiece with light
Integrate scaling, Endo, and Perio function into a whole.
Microcomputer control and automatic frequency tracking
Automatic degenerative feedback and constant power output brings more comfortable scaling.

Main unit input: ~24V 50Hz
Output power: 38VA
Frequency: 28kHz ± 3kHz
Water pressure: 0.1bar~5bar (0.01MPa~0.5MPa)
Main unit weight: 0.2kg
Dimensions: 74mm × 56mm × 38mm

V3 Match detachable handpiece HD - 7H
V3 LED Match detachable handpiece HD - 7L


15# 20# 25# 30#
NITI K-File (included)


ED1T GD1T×2 GD2T GD4T PD1T

V2 LED



Detachable handpiece with light
Microcomputer control and automatic frequency tracking
Automatic degenerative feedback and constant power output brings more comfortable scaling.

Main unit input: ~24V 50Hz
Output power: 38VA
Frequency: 28kHz ± 3kHz
Water pressure: 0.1bar~5bar (0.01MPa~0.5MPa)
Main unit weight: 0.2kg
Dimensions: 74mm × 56mm × 38mm

V2 Match detachable handpiece HD - 7H
V2 LED Match detachable handpiece HD - 7L


GD1×2 GD2 GD4 PD1

V1



Sealed handpiece;
Microcomputer control and automatic frequency tracking
Automatic degenerative feedback and constant power output brings rather comfortable scaling.

Main unit input: ~24V 50Hz
Output power: 38VA
Frequency: 30kHz ± 3kHz
Water pressure: 0.1bar~5bar (0.01MPa~0.5MPa)
Main unit weight: 0.2kg
Dimensions: 74mm × 56mm × 38mm

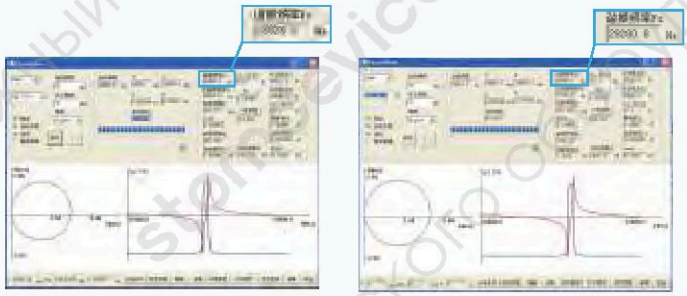
V1 Match detachable handpiece HD - 7L


GD1×2 GD2 GD4 PD1

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Compatibility of tip

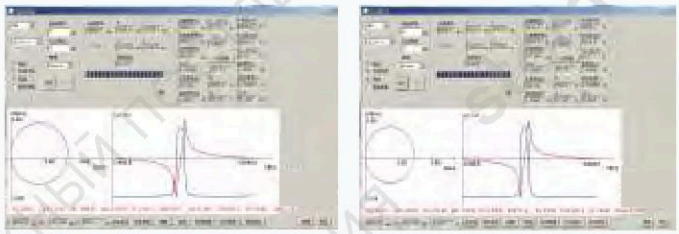
The working frequency range of Swiss E brand: < 32000Hz



Woodpecker tip can perfectly match E brand scaler

Compatibility of handpiece

Woodpecker: Resonant frequency 29.263KHz E brand: Resonant frequency 29.263KHz



Technical data of Woodpecker handpiece is the same as that of E brand. Handpiece of both brands can be exchanged.

Smooth tip does no harm to teeth.

Select high-quality medical material which is durable and wear-resistant. Adopt advanced laser drilling technology and experience 35 strict production processes as well as 5 inspections.

The picture shows the image of tips after a 160 times magnification.

DTE tip





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98 Point Accuracy

APEX LOCATOR

DPEX III GOLDEN STANDARD

25 National Patents **8** Invention Patents



Clinical data matching,
The accuracy rate has been improved to

97.71%

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DPEX III

- LCD screen, the trajectory of the file can be clearly shown with different colors.
- Multi-frequency apical positioning technology, avoiding the influence of subjective factors for measurement results.
- Measurement results will not be affected by tooth type, root canal internal environment.
- Rechargeable lithium battery.
- Adjustable viewing angle.



Battery	3.7V/750mAh
Power consumption	≤0.5W
Screen	4.5'LCD
Main unit weight	385g
Dimensions	138mm×77mm×107mm

Industrial design patent No.:CN 201130378913.4

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DPEX I

- Clear Image.
- Multi-frequency apical positioning technology, avoiding the influence of subjective factors for measurement results.
- Adjustable viewing angle.



Battery	3 piecesAAA alkaline batteries
Power consumption	≤0.3W
Screen	4.9"LCD
Main unit weight	395g
Dimensions	105mm×142mm×40mm

Industrial design patent No.:CN 201130378728.5

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Minipex Apex Locator

COMBINATION OF TECHNIQUE AND ART

QUALITY AND BEAUTY COEXIST

Small size
High precision



Voice Prompt

Multi – frequency independent network measuring technique, enlarging the apical narrow area
Double assurance to accurate measurement
Alarm rings when the distance between root canal needle and root canal is less than 2 mm
Providing effective protection to both dentists and patients

Simplified Body Design with High Sensitivity

Clinical data fitting
Measurement accuracy up to 97.71%
Updated chip, real-time response, double sensibility
Innovative algorithm, intelligent anti – interference

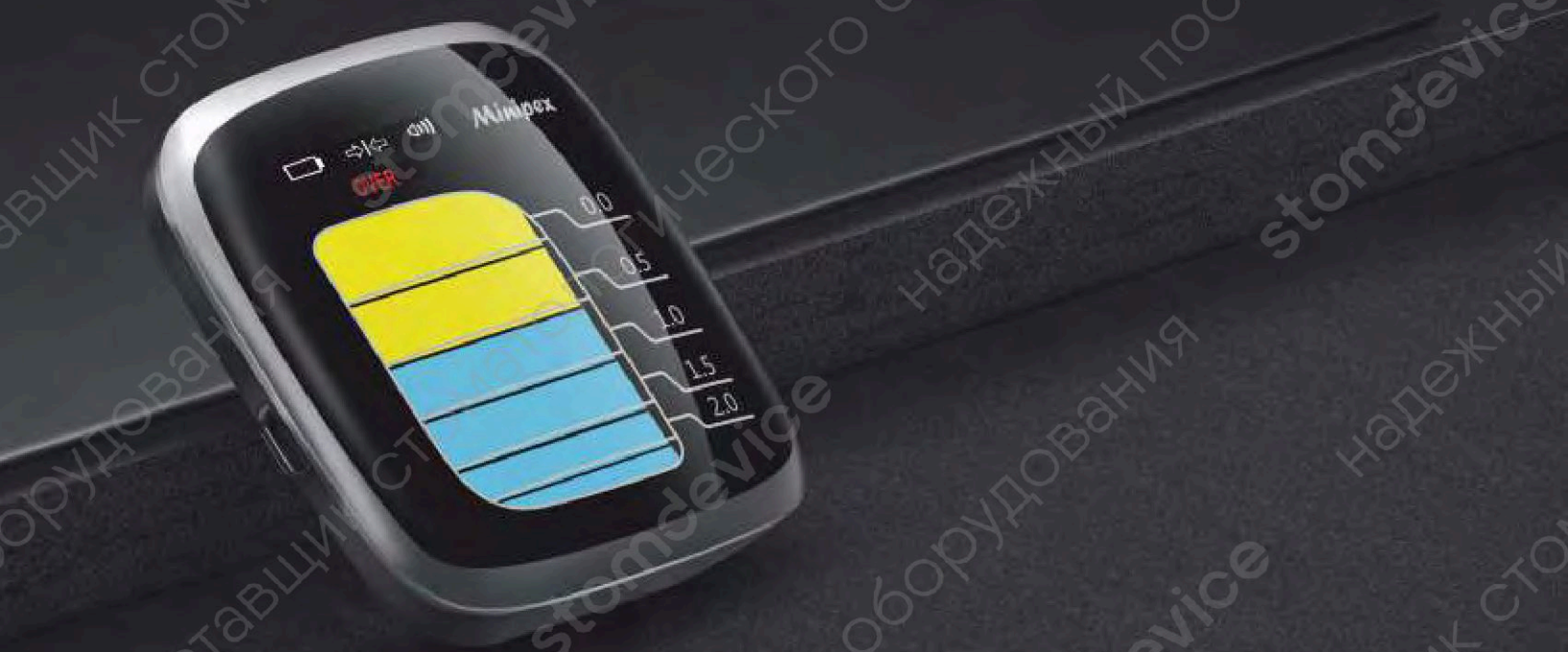
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Simplicity and Elegance

Back-up ring design
Multi-angle adjustment
Arbitrary set, measure as wishes
Lightweight, easy to take
Outstanding authentic quality

Light but Powerful

A total weight of merely 71g
Dimension: 70mm × 62mm × 20mm
With superb technique
100% automatic digital calibration
Light body together with stable performance



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E-COM

PRESET VARIOUS FILE SYSTEMS

Preset various file systems so that the dentist can directly choose the file system that they need, which brings dentists convenience while they need to use different kinds of files.



CUSTOMIZATION

Storage of 9 user-defined modes allows invocation at any time.
Under each mode, continuous motion, reciprocating motion, and reverse motion are for options.
Torque and speed is adjustable.

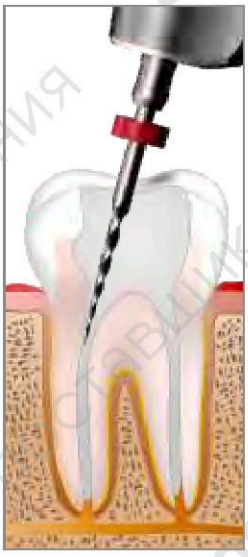


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EFFECTIVELY PREVENT NEEDLE BREAKAGE



Adopt real-time feedback technology and
dynamic torque control,
realizing automatic reverse,
effectively preventing fracture.



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Cordless handpiece
Operation without limit of cord

Six optional angles
More convenient treatment

All-angle OLED screen
Real-time dynamic torque display

Fast handover between Continuous Motion Mode and Reciprocating Motion Mode

COMBINED LENGTH DETERMINATION MODE

E-Master Pro can be connected to the matched Apex locator to realize apex locating function.
By connecting the E-Master to the matched Apex locator,
the position of the file tip inside the canal can be monitored during the procedure and many automatic functions such as Auto Apical Reverse can be activated.





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Maximum compatibility

Wide torque and speed range make it adapt to various file systems such as FKG, XP-endo, and Shaper in the market.
Recommended speed is 800-1000rpm.
Recommended maximum torque setting for Dentsply Protaper Gold is 5N.cm.

NIMBLE CONTRA-ANGLE

Contra-angle can be autoclaved to avoid cross-infection.
Adjustable angle make it available for different teeth positions.
Small and exquisite head provides unobstructed views.



IMPORTED MOTOR

15.5 : 1 reduction ratio endows strong power and efficient cutting.
Durable planet gear gearbox prolongs service life of device.





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Endo Smart

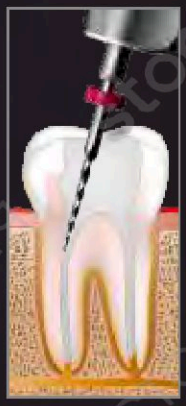
Effectively prevent file breakage

Adopt real-time feedback technology and dynamic torque control, realizing automatic reverse, effectively preventing fracture.

Customization

Storage of 9 user-defined modes allows invocation at any time.

Under each mode, continuous motion, reciprocating motion, and reverse motion are for options.
Torque and speed is adjustable



Maximum compatibility

Wide torque and speed range make it adapt to various file systems such as FKG, XP-endo, and Shaper in the market.
Recommended speed is 800-1000rpm.
Recommended maximum torque setting for Dentsply Protaper Gold is 5N.cm.



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WIRELESS CHARGING

Non-contact, reliable

All-angle OLED screen

Without visual angle limit,
clear display can be guaranteed even under strong light.
Available display of speed, torque,
and battery consumption

Nimble Contra-angle

Contra-angle can be autoclaved
to avoid cross-infection.
Adjustable angle make it available
for different teeth positions.
Small and exquisite head provides
unobstructed views.

Imported Motor

15.5: 1

reduction ratio endows strong power
and efficient cutting.
Durable planet gear gearbox prolongs
service life of device.

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ONE CURE

X-Cure

Wide Spectrum Curing Light

Eleven years of Curing Light technological research and development
Wide Spectrum LED Curing Light X-Cure emerges at the right moment
Compared with general LED Curing Light, it is of wider emission wavelength range,
better curing bleaching resin and transparent resin.

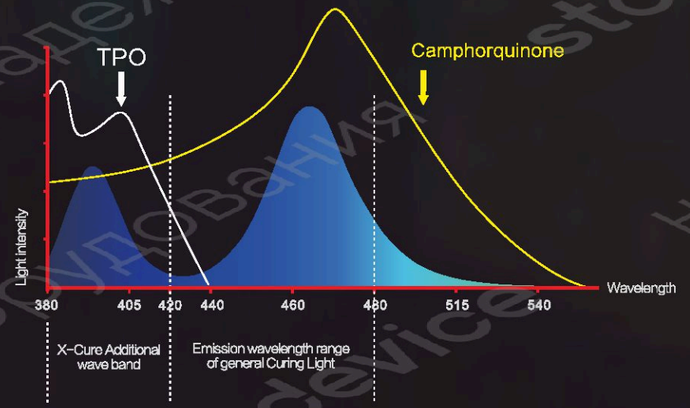




Wide Spectrum Curing

Emission wavelength range of general Curing Light is 420nm - 480nm
Emission wavelength range of X-Cure wide spectrum Curing Light is 385nm - 515nm,
adding a new wave band of 385nm - 420nm.
The additional wave band can better curing resin materials containing
new-style photoinitiators such as TPO. For example,
restoration materials like Tetric N - Ceram Bulk Fill (Ivoclar),
Amelogen Plus (Ultradent), and ENA Hri (Micerium).
This new wave band can also reduce the risk of resin falling off and incomplete curing.

X-Cure Spectral Curve and Resin Spectral Absorptivity



The light-absorbing peak of traditional material (including camphorquinone;
the yellow line on the figure) is 460nm,
so the curing can be done by either general Curing Light or Wide Spectrum Curing Light.
But camphorquinone is of a yellow color.
It is not suitable to add large amounts of it to bleaching resin or light-colored resins.

The light-absorbing peak of new materials (including TPO;
the white line in the figure above) is 405nm.
Compared with general LED Curing Light,
X-Cure owns additional 385nm - 420nm wave band which is able
to better curing this kind of new material. TPO is of white color.
Thus it is suitable for adding to the bleaching resin and light-colored resin.

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B-cure

Broad-spectrum LED Curing Light

More human-friendly design

B-Cure adopts ergonomic design with smooth lines and small size. Doctors can easily hold it.

3 seconds for curing

B-Cure is equipped with 5w LED.
The maximum light intensity can reach 2000mw/cm²with such a small size.

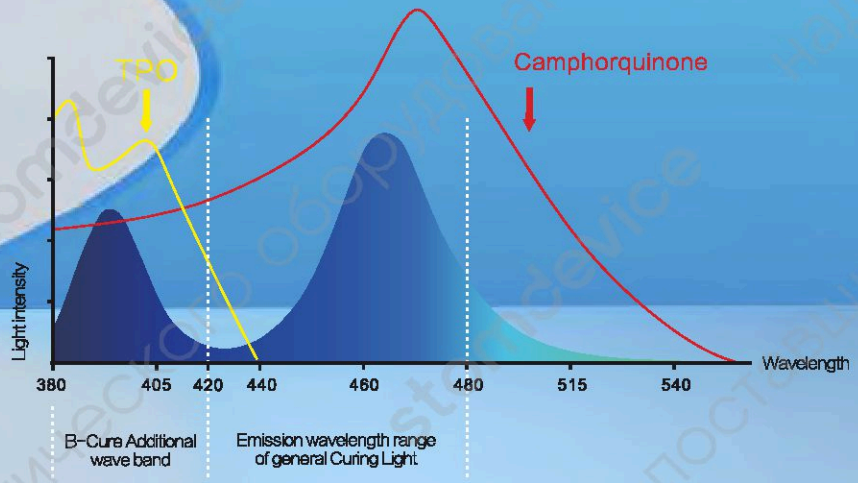
Curing normal resin that is thicker than 2mm in three seconds
Play an important role in cementation of all-ceramic restoration and orthodontic bracket.

Ortho mode

In the orthodontics mode that is unique to B-Cure,
the light intensity automatically adjusts to 2000mw/cm².

The user can set the single curing time for 3s or 5s,
and the device will automatically conduct 10 circles of curing with interval of 1s.

One operation can basically finish the cementation of 2 to 3 bracket,
which reduce operations and improves efficiency.



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CURING LIGHT

iLed

Cure 2mm resins in one second

light intensity up to **2300** mw/cm²

1SEC
FOR CURING
Go quicker than ever



CONSTANT POWER OUTPUT
Born for restoration

1 SEC FOR CURING
Go quicker than ever

360°ROTATABLE HEAD
Extend the possibility

ERGONOMICS DESIGN
optimize the hand-grip use

EXPERT IN LED CURING LIGHT

13 years professional technology, 39 patents,7 Invention Patents
Global sales over 600,000 units !

BASIC DATA:

Power input	AC100v-240v 50hz/60hz
Light intensity	1000mw/cm²~2300mw/cm²
Net weight	278g
Dimensions:	25mm×25mm×240mm

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3 SECONDS FOR CURING
Up to 1600mW/cm²
HIGH INTENSITY

LUX E

- Especially suitable to solidify agglomerant of orthodontic bracket, veneer and post.
- Wireless. The battery can be replaced.
- Three working modes: Low, Middle, High.
- Constant light intensity. The solidification effect is not affected by the consumption of remaning power.
- Large capacity battery. A full charge can be used for more than 400 times continuously under 10s working time mode.
- Low standby power consumption with 70 days' standby time.





EXPERT IN LED CURING LIGHT !

14 years professional technology,
41 patents, 8 Invention Patents
Global sales over 600,000 units !

Industrial design patent No.:CN 200930321063.7

Power input	AC100V to 240V 50Hz/60Hz
Light output	800mW/cm²-1600mW/cm²
Net weight	141g
Dimensions	260mmX40mmX50mm

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LUX V

- Large capacity battery. A full charge can be used for more than 300 times continuously under 10s working time mode.
- Low standby power consumption with twenty days` standby time.
- Constant light intensity. The solidification effect is not affected by the consumption of remaining power.
- Power indicator.
- Suitable for both right or left hand operation.



Industrial design patent No.:CN 201130028451.3

Power input	AC100V to 240V 50Hz/60Hz
Light output	1000mW/cm² -1200mW/cm²
Net weight	85g
Dimensions	263mmX31mmX23.5mm

MINI S Curing light

- Woodpecker,High Quality Manufactured.
- Comfortable ergonomic design.
- Simple one-button operation.
- More than 300 times 10-second cures.
- Constant light intensity output.

NEW



Battery	3.7V/1400mAh
Dimensions	230mm×26mm×30mm
Power Input	~100V-240V 50Hz/60Hz
Power Output	4.2V ⎓1A

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LUX VI

- Ergonomic design, small and convenient
- Special light hood and holder design, high-effectively filtering light
- Three working modes: Full, Ramping, Pulse.
- Time setting: 5s, 10s, 15s, 20s
- A full charge can be used for over 300 times. (10s/time)
- Constant light intensity, the solidification effect is not affected by the consumption of remaining power.
- With wire or wireless. It can run directly on commercial power supply whilst the battery runs out.

Optional colors



Industrial design patent No.: CN 201230421494.2

Power input	AC100V to 240V 50Hz/60Hz
Light output	1000mW/cm² -1200mW/cm²
Net weight	100g
Dimensions	234mmX26mmX26mm

LUX I

- 220 degrees head rotation.
- Disposable sleeve:Save autoclaving time.
- Easy-to-change battery.
- Automatic memory.Avoid setting frequently.
- Stable output of light intensity,the solidification effect is not affected by the consumption of remaining power.
- Efficient transfer from electricity into light.A full charge can be used more than 400 times continuously under 10s working time.

Industrial design patent No.:CN 201230045664.1



Power input	AC100V to 240V 50Hz/60Hz
Light output	850mW/cm² -1000mW/cm²
Net weight	230g
Dimensions	79.5mmX79.5mmX261mm

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LED.H ORTHO

A TOUCH AND DONE, ALL FOR ORTHO.

Rapid orthodontic 3 seconds for curing

Intensity light 1,800mW/cm², only 3 seconds to solidify the bracket.

Beveled light guide

Easy to touch any part of teeth , Can radiate vertically at any angles , especially suitable for posterior teeth

Continuous work time

Full metal body for intelligent cooling system , preventing overheating after long-time work.



Power input	AC100V to 240V 50Hz/60Hz
Light output	1000mW/cm² -1200mW/cm²
Net weight	178g
Dimensions	252mmX25mmX25mm

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KINGKONG series drop
Resistant dental handpiece

MORE POWERFUL AND MORE EFFICIENT

Thanks to the new optimized wind wheel and gas path design

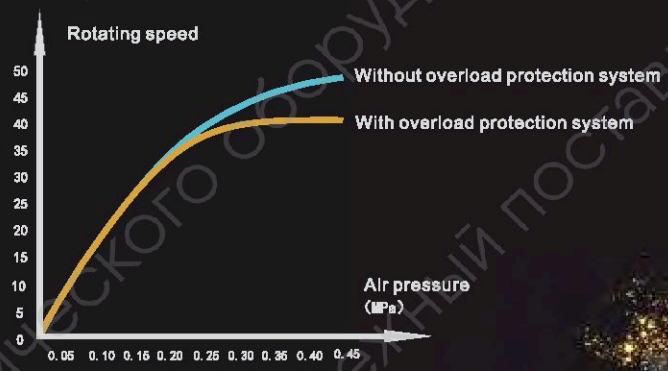
Torque is up to 7.5gf.cm, which has increased by 62.8% compared to old type handpeice.

As a result, the cutting efficiency is increased by 94.6%.

OVERLOAD PROTECTION SYSTEM



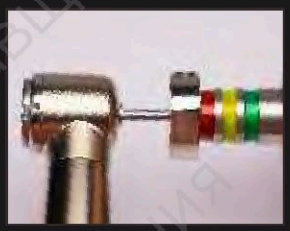
Feature article of overload protection system



Rotating speed contrast curve

The new overload protection system can protect the handpiece from higher pressure, prolonging handpeice's life span.
Dentists do not need to frequently adjust the air pressure, which is more convenient and efficient.

AXIAL CORE WITH BIGGER CLAMPING FORCE



Pull to red graduation :16N
Pull to yellow graduation :20N
Pull to green graduation :24N

Non-spring structure axial core design

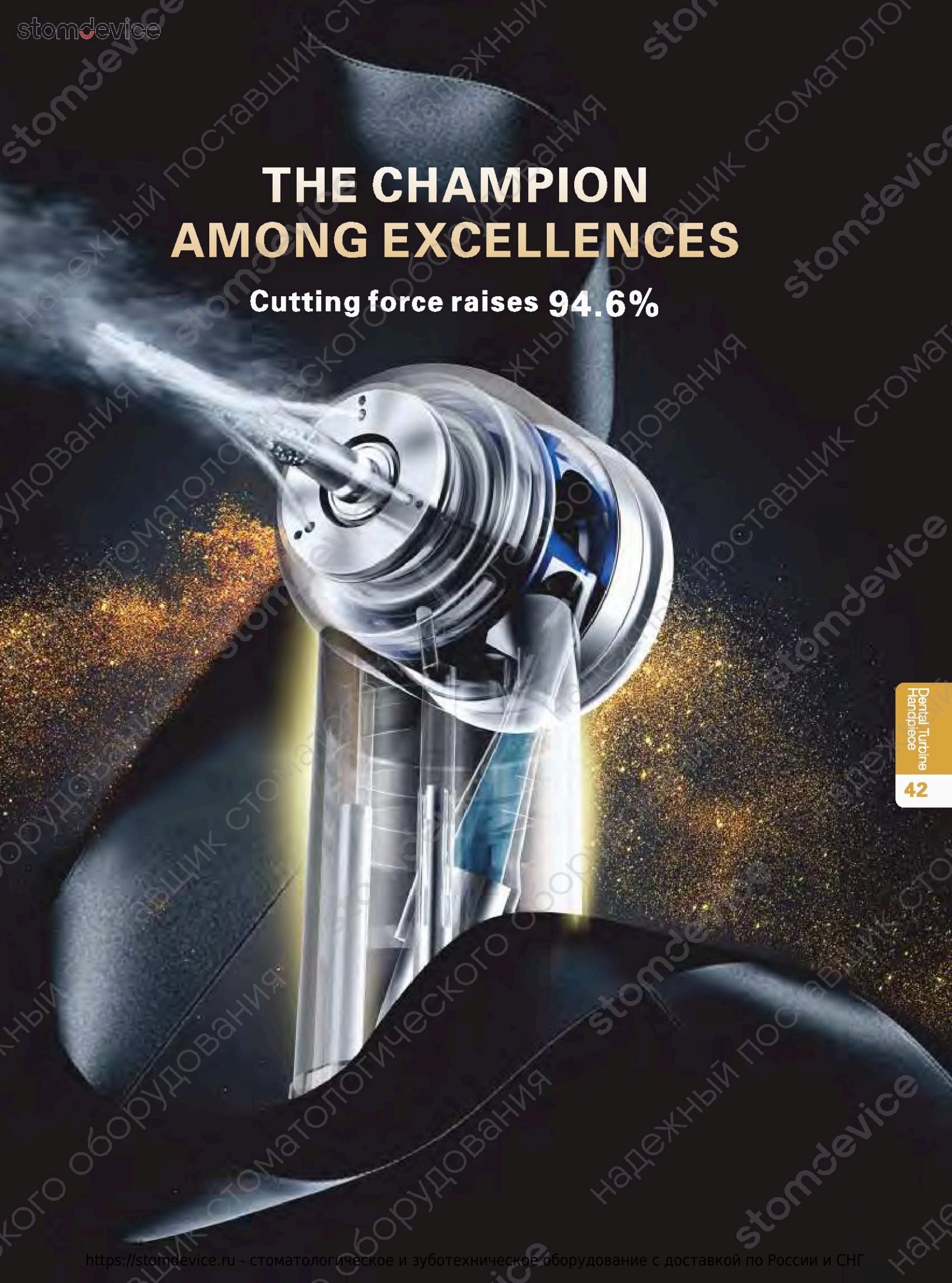
It has larger clamping force (which is up to 35N) compared to traditional spring structure axial core.
It can grasp the niddle tighter
It wouldn't be hard to uninstall the burs after intense cutting,
making it more convenient to install and uninstall the burs.

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THE CHAMPION AMONG EXCELLENCES

Cutting force raises 94.6%



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HP 33

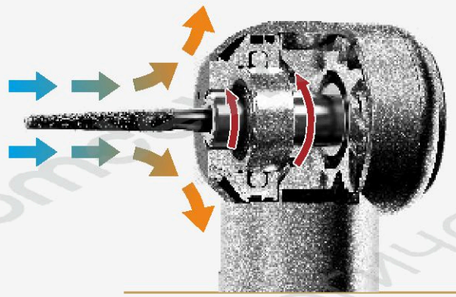


Three-hole atomization
Better cooling effect

Traditional single-hole handpiece cannot completely cool down for the limit of flow and angle. Especially for the deep-hole cutting such as pulp exposing, as the angle is limited, the cutting area cannot be cooled, which will burn the teeth tissue. Three-hole atomization handpiece takes the burr as axis to spray atomized water to the treatment area from various angles, wrapping the burr, reducing the risk of burn the teeth tissue during cutting process.

Anti-suction Sanitary Head System

Negative pressure tends to cause ingress of foreign substance such as flood and germs while the handpiece stopping rotating. Special wind wheel and head design prevents back suction whilst prevent foreign substance from getting into the core of machine, prolonging the service life of bearing.



Strong enough clamping force
Tighter needle grasping

Non-spring structure axial core design
Stronger clamping force (up to 35N) enables tighter needle grasping
It wouldn't be hard to remove after intense cutting,
making it more convenient to install and uninstall the burrs.
The following figure shows three scales of clamping forces on the measuring tool
Pull to red graduation: 16N
Pull to yellow graduation: 20N
Pull to green graduation: 24N



Imported ceramic bearing

Wear-resistant cage enables longer service life.







Model	HP33-M4/B2	HP11-M4/B2	HL11-M4/B2
Type	Big head push type	Standard push type	Standard push type
Characteristics	Anti-suction system Single-hole atomization Strong cutting force	Small head with strong force Single-hole atomization Overload protection Tighter burr grasping	Standard head Single-hole atomization Strong cutting force Overload protection
Air pressure	0.25-0.27MPa	0.18-0.22MPa	0.18-0.22MPa
Water pressure	0.1-0.25MPa	0.1-0.25MPa	0.1-0.25MPa
Rotation speed	0.3-0.35 million rpm	0.36-0.43 million rpm	0.36-0.43 million rpm
Head height	13.4mm	13.1mm	12.0mm
Head diameter	Φ12.0mm	Φ11.2mm	Φ11.2mm
Noise	⟨70dB	⟨70dB	⟨70dB

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SURGERY X

The Third Generation Woodpecker Ultrasurgery

Micron Cutting

The cutting power of Ultrasurgery is derived from micro-oscillation. The amplitude of tip is between 20-100 μ m. There is only micro-amplitude vibration that is invisible to the naked eye at the end of tip. The tip and bone tissue are in uniform contact with no bounce and smoother cutting, which increases controllability.

Ultrasurgery working accuracy is in micrometers. The minimum surgical incision is 3.5mm long, 0.5mm wide, which will help with small operating area and fast postoperative recovery.



7-inch Touching Screen

Abandoning the previous button operation settings, innovatively adopting 7-inch screen. While clearly displaying information, operate directly by tapping the screen.



Multi-function Foot Pedal

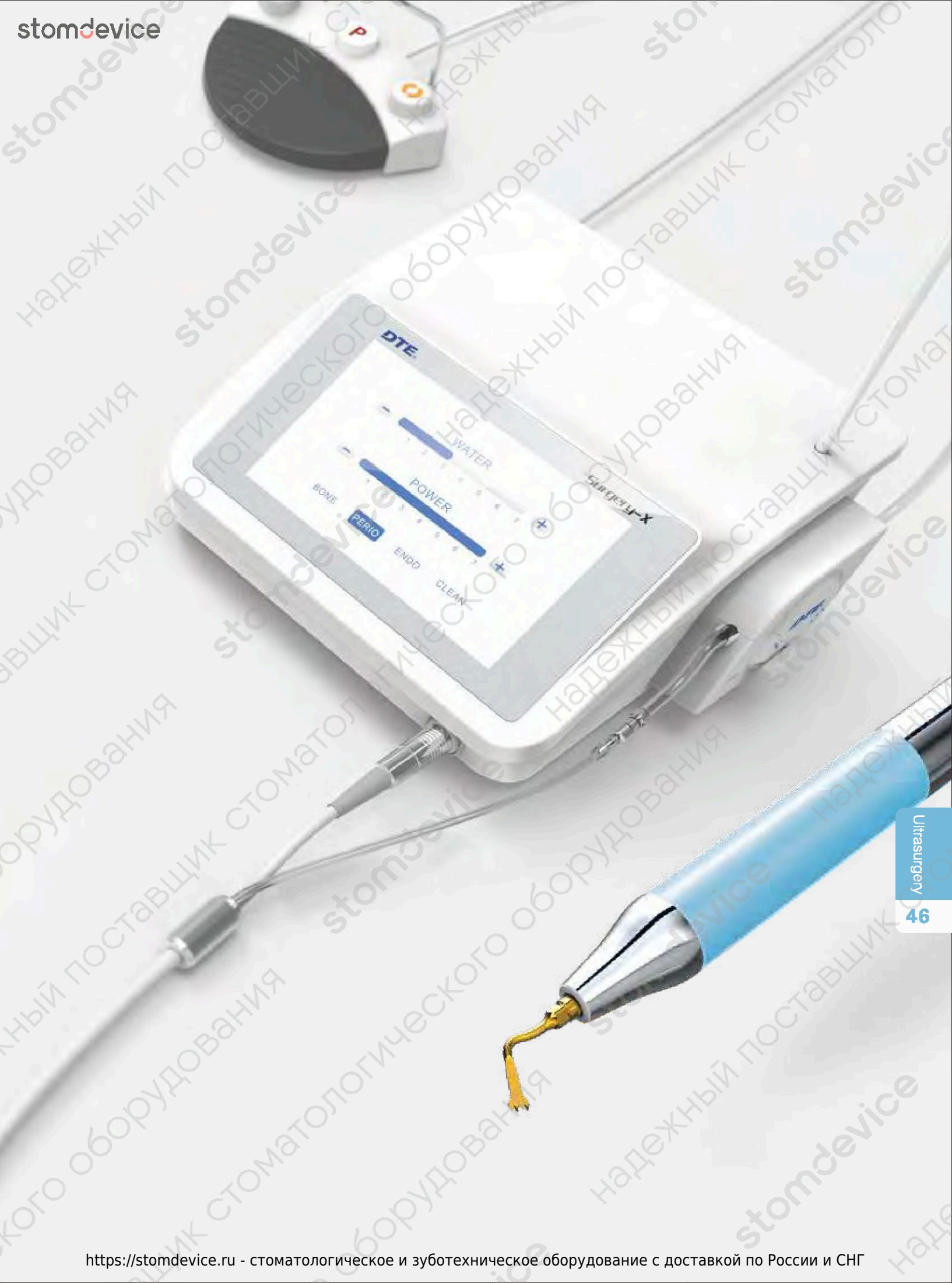
Multi-function foot pedal, makes it easy to control water flow, working mode, and power, simplifying operation procedures and realizing efficient operation.



Tips Kit

Specially used for tooth extraction, crest splitting, and retropreparation. Adopt gold plating which is wear-resistant and practical with long time of endurance.

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DS-II LED

Woodpecker core technology, reliable cutting efficiency professor

38 patents, 9 invention patents

15 years of R&D, 29 years' Ultrasonic Technology Professor

Exported to 89 countries,including Germany, Switzerland, Italy etc.



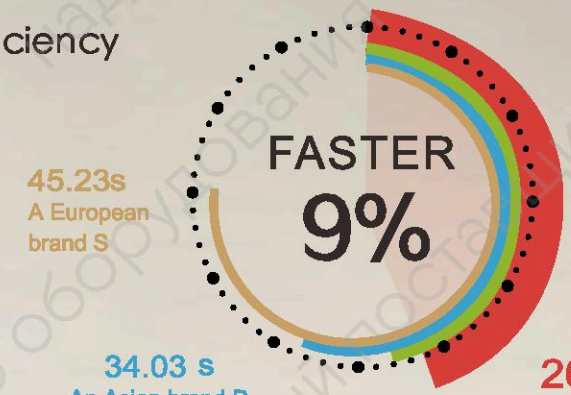
US1	UC1	CLINICAL PRACTICE
		

Technical parameters

Power input	100 - 240V~ 50Hz/60Hz 600mA (max)
Frequency	24kHz~36kHz
Power output	5W~35W
Main unit weight	3.1kg
Dimensions	330mm×254mm×167mm

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Comparison of cutting efficiency with other famous brands



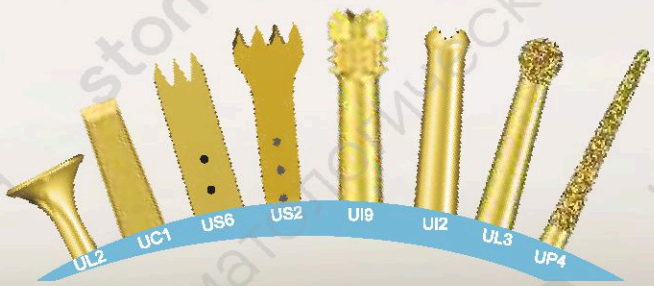
NEWLY DEVELOPED HANDPIECE

Developed internal Structure: handpiece and tip are more compatible, with steady output

Developed packaging technology: more stable after UHT sterilization, with constant quality

SAFE

Handpiece and pump line can burden UHT sterilization, to make sure the bacteria-free environment



Micrometric cuts, Selective cuts,
No harm to soft tissue

Equipped with ×2





HIGHLIGHT LAMP
CLEAR VISIBILITY

WORKING 10 MIN UNDER FULL POWER
TEST THE TEMPERATURE OF HANDPIECES



DTE Brand 33℃ | Well-known European Brand S 30℃ | Well-known European Brand M 33℃ | Well-known Asian Brand D 38℃

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stomdevice



More powerful than you imagine

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Please use the correct scaler tip



Tips marked with DTE. connected to handpiece marked with ✗ will lead to serious problem.





Tips marked with ✗ connected to handpiece marked with DTE. will lead to the same problem.

warranty These kinds of damages are not covered under warranty.







The comparison between DTE tip and disposable tip made in China



DTE tip spray evenly, effective cleaning and cooling



The water spray slanting more than 70% of disposable tip, unable to clean the teeth and cool the tip

The comparison between DTE tip and other tips made in China after sterilization



After 300 cycle sterilized, there isn't any rust on DTE tip, No crack after working 1000 hours



Tips of poor quality start to be cracked after one-hour working, the craking rate within 10 hours is 35%.



After working 6 minutes, Tips of poor quality started to crack, after 12 hours, all the tips are cracked

If the cracked tip were swallowed by patients, it will cause serious medical accidents

To guarantee the safety of you and your patients, please choose original Woodpecker tip

Please choose authentic Woodpecker tips!
Reject to use disposable tips of poor quality!

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Scaling

GD1
Supragingival scaling



GD2
Supragingival scaling



GD3
Supragingival scaling



GD4
Supragingival scaling



GD5
Supragingival scaling



GD6
Supragingival scaling



GD7
Remove dental crown



GD8
Remove dental pile, with irrigation



GD9
Supragingival scaling



GD10
Supragingival scaling

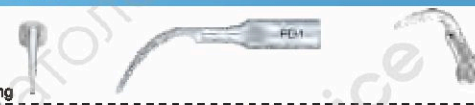


GD11
Orthodontic treatment



Periodontics

PD1
Periodontal scaling



PD3
Periodontal scaling



PD4
Periodontal scaling



PD3D
Smoothing restoration overhangs and debride in-depth root (diamond-coated)



PD2L
Periodontal scaling



PD2R
Periodontal scaling



PD2LD
Remove calculus from narrow inter-root spaces (diamond-coated)

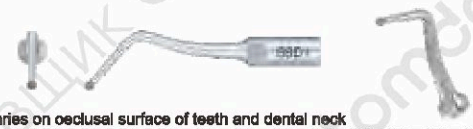


PD2RD
Remove calculus from narrow inter-root spaces (diamond-coated)



Cavity preparation

SBD1
Removing the caries on occlusal surface of teeth and dental neck



SBD2
Removing the caries on Mesial surface of the adjacent teeth



SBD3
Removing the caries on Distal surface of the adjacent teeth



GD31
Preparation of mesiocclusion cavity



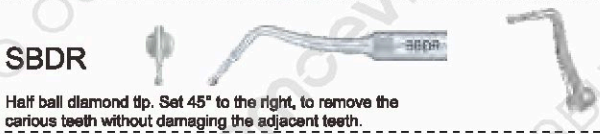
GD33
Preparation of teeth veneer



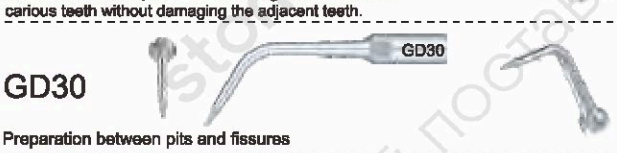
SBDL
Half ball diamond tip. Set 45° to the left, to remove the carious teeth without damaging the adjacent teeth.



SBDR
Half ball diamond tip. Set 45° to the right, to remove the carious teeth without damaging the adjacent teeth.



GD30
Preparation between pits and fissures



GD32
Preparation of distal and mesial cavity



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Shoulder preparation

GD20



Abrade dentin

GD21



Fine repair and polish the prepared shoulder

Endodontics

ED1



120°angle holder, for root canal cleaning

ED2



95°angle holder, for root canal cleaning

ED3



For the lateral thermal condensation of gutta-percha

ED3D



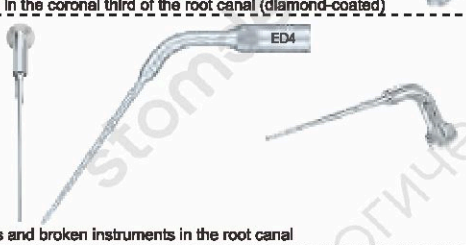
Used to remove the calcification and bad filling material of pulp cavity (diamond-coated)

PD4D



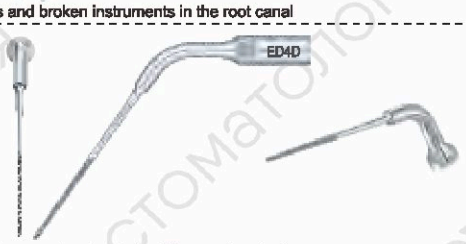
Remove calcification in the coronal third of the root canal (diamond-coated)

ED4



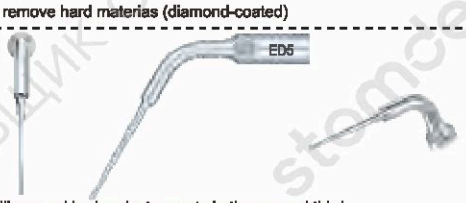
Remove obstructions and broken instruments in the root canal

ED4D



For retreaments and remove hard materias (diamond-coated)

ED5



Remove root canal fillings and broken instruments in the coronal third

ED5D



Remove dental overhangs in the pulp chamber (diamond-coated)

ED8



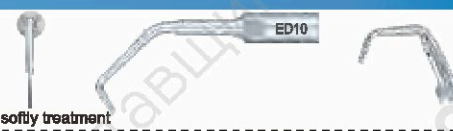
Burs holder, used to expand root canal and grind teeth

ED9



Burs holder, used to expand root canal and grind teeth

ED10



Used for root canal softly treatment

ED10D



Used for root canal retrogression, efficient root apical polishing (diamond-coated)

ED11



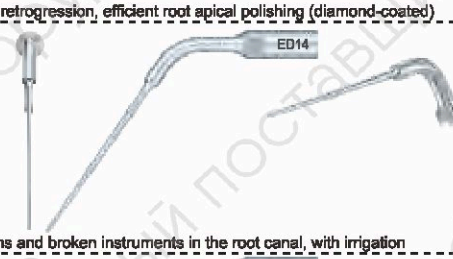
Used for root canal softly treatment

ED11D



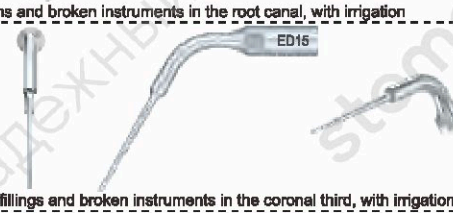
Used for root canal retrogression, efficient root apical polishing (diamond-coated)

ED14



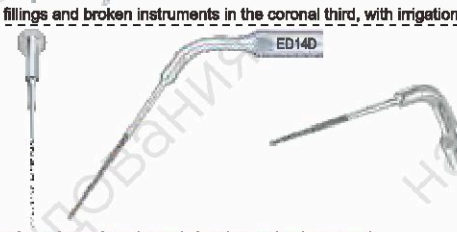
Remove obstructions and broken instruments in the root canal, with irrigation

ED15



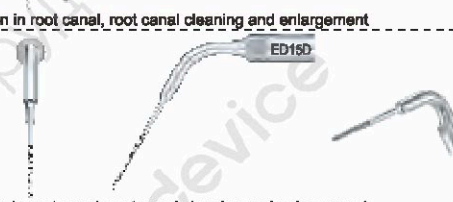
Remove root canal fillings and broken instruments in the coronal third, with irrigation

ED14D



Remove calcification in root canal, root canal cleaning and enlargement

ED15D



Remove calcification in root canal, root canal cleaning and enlargement

NITI K-File



Tip with excellent tenacity is used for root canal cleaning
File size: 32.5mm±0.5mm
Handpiece size: Φ0.68mm~0.71mm
K-file taper: 2%
Each kit with six pieces,one kit for one model

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Scaling

GD1T



Supragingival scaling

GD2T



Supragingival scaling

GD3T



Supragingival scaling

GD4T



Supragingival scaling

GD5T



Supragingival scaling

GD6T



Supragingival scaling

GD7T



Remove dental crown

GD8T



Remove dental pile, with irrigation

GD9T



Supragingival scaling

GD10T



Supragingival scaling

Endodontics

ED1T



120°angle holder, for root canal cleaning

ED2T



95°angle holder, for root canal cleaning

ED3T



For the lateral thermal condensation of gutta-percha

ED4T



Remove obstructions and broken instruments in the root canal

ED5T



Remove root canal fillings and broken instruments in the coronal third

ED8T



Burs holder, used to expand root canal and grind teeth

ED9T



Burs holder, used to expand root canal and grind teeth

ED10T



Used for root canal softly treatment

ED11T



Used for root canal softly treatment

ED14T



Remove obstructions and broken instruments in the root canal, with irrigation

ED15T



Remove root canal fillings and broken instruments in the coronal third, with irrigation

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Periodontics New!

PD1T



Periodontal scaling

PD2LT



Periodontal scaling

PD2RT



Periodontal scaling

PD3T



Periodontal scaling

PD3LT



Periodontal scaling

PD3RT



Periodontal scaling

PD4T



Periodontal scaling

PD5T



Periodontal scaling

PD10T



Periodontal scaling

PD11T



Periodontal scaling

PD12T



Periodontal scaling

PD14LT



Periodontal scaling

PD14RT



Periodontal scaling

PD18T



Periodontal scaling

PD20T



Periodontal scaling

PD20LT



Periodontal scaling

PD20RT



Periodontal scaling

PD21LT



Periodontal scaling

PD21RT



Periodontal scaling

PD22LT



Periodontal scaling

PD22RT



Periodontal scaling

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Bone surgery

US1



Osteotomy

US1L



Osteotomy

US1R



Osteotomy

US2



Osteotomy

US3



Osteotome of precision in the thin regions

US4



Bone remodeling and bone chip harvesting

US5



Bone remodeling and bone chip harvesting

US6



Precisive osteotomy

Sinus lifting

UL1



120° Peeling of the sinus membrane

UL2



Peeling of the sinus membrane

UL3



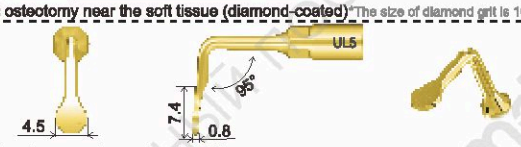
Non-traumatic bone cutting on thin bone region (diamond-coated)

UL4



Micrometric osteotomy near the soft tissue (diamond-coated) *The size of diamond grit is 100µm.

UL5



Peeling of the sinus membrane (angle: 95°)

Endodontic

UE1



Apical root debridement (diamond-coated) *The size of diamond grit is 40µm.

UE2



Soft apical root debridement

UE3



Apical root debridement (diamond-coated) *The size of diamond grit is 40µm.

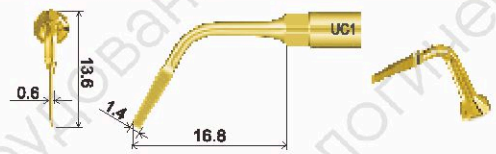
UE4



Soft apical root debridement

Exelcymosis

UC1



Used for cutting ligaments, minimally damnification exelcymosis

UC2



Used for cutting ligaments, minimally damnification exelcymosis

UC3

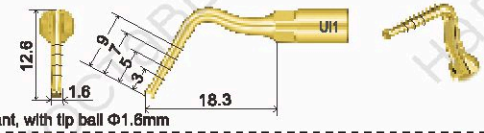


Used for cutting ligaments, minimally damnification exelcymosis

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Implantation

UI1



Used for implant, with tip ball Φ1.6mm

UI2



Used for implant, with tip ball Φ2mm, irrigation from tip point

UI3



φ2mm implant site preparation tip,irrigation from tip point.

UI4



φ3mm implant site preparation tip,irrigation from tip point.

UI5



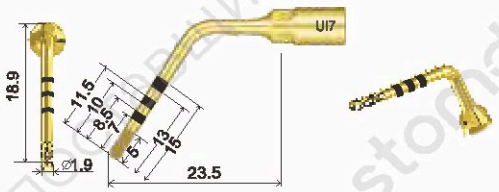
φ2mm implant site preparation tip,irrigation from tip point.

UI6



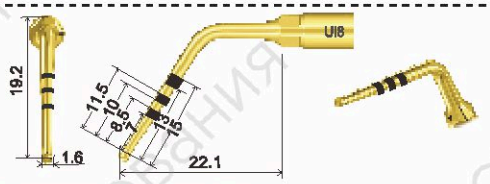
φ3mm implant site preparation tip,irrigation from tip point.

UI7



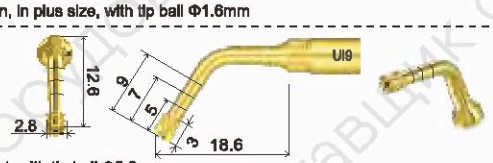
Finalize the implant site and bone preparation (diamond-coated)

UI8



For implantation, in plus size, with tip ball Φ1.6mm

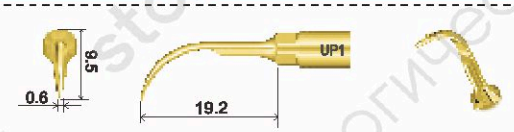
UI9



Used for implant, with tip ball Φ2.8mm

Periodontal surgery

UP1



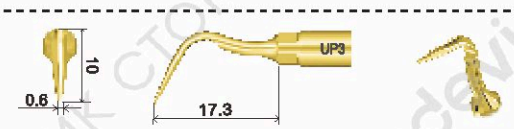
Root scaling

UP2



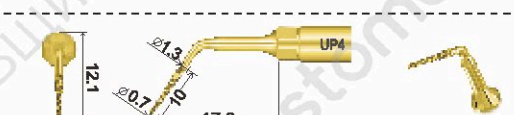
Root scaling

UP3



Root scaling

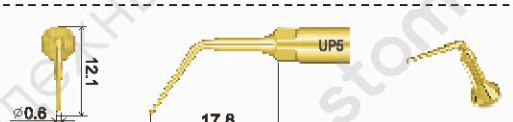
UP4



Root surface debridement and root planning (diamond-coated)

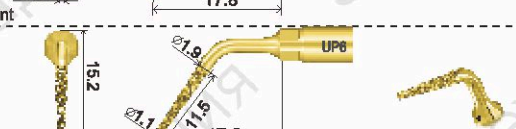
*The size of diamond grit is 40μm.

UP5



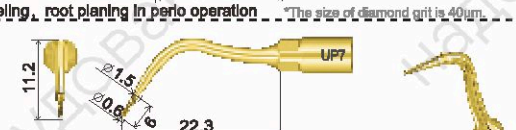
Perio treatment

UP6



Bone remodeling，root planing in perio operation *The size of diamond grit is 40μm.

UP7



Bone remodeling and root canal enlargement (diamond-coated)

*The size of diamond grit is 40μm.

DS-II LED Tip Series

A Wide Choice for Application

Basic kit | Sinus lift kit | Osteotomy kit | Extraction kit | Periodontal kit | Retro surgical kit | Implant prep kit



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Scaling (Used for SIRONA)

GS1



Supragingival scaling

GS2



Supragingival scaling

GS3



Supragingival scaling

GS4



Supragingival scaling

GS5



Supragingival scaling

GS6



Supragingival scaling

GS7



Remove dental crown

GS8



Remove dental pile, with irrigation

Endodontics (Used for SIRONA)

ES1



120°angle holder, for root canal cleaning

ES2



95°angle holder, for root canal cleaning

ES3



For the lateral thermal condensation of gutta-percha

ES3D



Used to remove the calcification and bad filling material of pulp cavity (diamond-coated)

PS4D



Remove calcification in the coronal third of the root canal (diamond-coated)

ES4



Remove obstructions and broken instruments in the root canal

ES5



Remove root canal fillings and broken instruments in the coronal third

ES8



Burs holder, used to expand root canal and grind teeth

ES10



Used for root canal softly treatment

ES11



Used for root canal softly treatment

ES14



Remove obstructions and broken instruments in the root canal, with irrigation

ES15



Remove root canal fillings and broken instruments in the coronal third, with irrigation

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Periodontics (Used for SIRONA)

PS1



Periodontal scaling

PS3



Periodontal scaling

PS4



Periodontal scaling

PS3D



Smoothing restoration overhangs and debride in-depth root (diamond-coated)

Scaling (Used for KAVO)

GK1



Supragingival and subgingival scaling

GK2



Supragingival and subgingival scaling

GK3



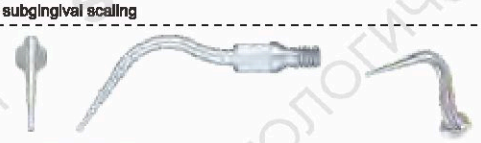
Supragingival and subgingival scaling

GK4



Supragingival and subgingival scaling

GK5



Supragingival and subgingival scaling

GK6



Supragingival and subgingival scaling

GK7



Supragingival and subgingival scaling

GK11



Orthodontic treatment

GC1



Supragingival and subgingival scaling

GC2



Supragingival and subgingival scaling

EK8



Burs holder, used to expand root canal and grind teeth

Periodontics (Used for KAVO)

PC1



Subgingival scaling

Used for AMDENT

A1



Supragingival scaling

A2



Supragingival scaling

A1T



Supragingival scaling

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HD-8L

Used for :DTE scaler with detachable handpiece. With light, better view, autoclavable. Complete metal-made body



Weight	62.33g
Dimensions	114.36mm x Φ19.1mm

HD-8H

· USED FOR: DTE scalers with detachable handpiece. without light



Weight	56g
Dimensions	123mm×Φ20.5mm

HD-7L

· USED FOR: DTE scalers with detachable handpiece, with light, better view, autoclavable.
Plastic head and metal head are optional.



Weight	63g
Dimensions	111mm×Φ20.5mm



Weight	57g
Dimensions	111mm×Φ20.5mm

HD-7H

· USED FOR: DTE scalers with detachable handpiece, without light, autoclavable.
· Two colours optional (white/ blue)



Weight	57g
Dimensions	117mm×Φ21mm



Weight	57g
Dimensions	117mm×Φ21mm

HD-2L New!

· USED FOR: D2 LED, with light, better view,handpiece sleeve is autoclavable
· Three colours optional to the handpiece sleeve (green/ blue/ amethyst).



· Three colours optional



Weight	156g (+cable)
Dimensions	140mm×Φ20mm

HD-1

· USED FOR: D1/V1.



Weight	124g (+cable)
Dimensions	125.7mm×Φ18mm

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Spare parts for ultrasonic scaler

AT-1

Auto water supply system

- Instead of infusion bottle, it can be placed at any flat surfaces to fit the working environment.
- Made of high-qualified material, it is safe and durable.
- Pneumatic water control ensures consistency in water pressure.
- Compatible with scalers of any brands.
- Delicate in design, small in space occupation.





Autoclavable set
Handpiece×1
Torque wrench×1
Endo wrench×1
(6 tips optional)



Detachable cable
With different connectors, available for handpiece HD-7H, HD-7L respectively



TD-1L Torque wrench
← Hold the tips.

TD-1 Torque wrench
← Can not hold the tips.



TD-2L Torque wrench
Hold the tips.



TD-E1 Endo wrench
Used for changing the ultrasonic U-file and screwing / unscrewing the endo chuck

TD-A wrench
For replacement of dental burs and burs holder



TD-5LTorque wrench
For DTE and SATELEC scaler tips

TS-5LTorque wrench
For Sirona scaler tips

TK-5LTorque wrench
For Kavo scaler tips



TW-3 Wrench



Peristaltic pump



1# Tip holder



2# Tip holder



Foot switch(round)



LED lamp



File stand



Foot switch(square)



Quick connector



Diaphragm pump

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Spare parts for dental turbine handpiece


HL11-M4/B2 Cartridge


HP13-M4/B2 Cartridge


HP11-M4/B2 Cartridge


HL13-M4/B2 Cartridge


Bur key


Bearing A (steel ball)


Cap spanner applicable for HP13-M4/B2 HL11-M4/B2


Cap spanner applicable for HL11-M4/B2


Cap spanner applicable for HL13-M4/B2


Cap spanner applicable for HP11-M4/B2

Spare parts for apex locator


Lip hook


Measuring wire


File clip


Measuring file


Tester


Endo ruler

Spare parts for curing light


1# 2#

Optical fiber
Black and white optional
Can be autoclaved under high temperature and high pressure
1# Dimensions: Φ8mm
2# Dimensions: Φ8mm
1# Applicable for: LUX E
2# Applicable for: LUX V、LUX VI

For LUX I、LUX E



For LUX V、LUX VI



Adapter
Power input:
AC100V-240V 50Hz/60Hz
Output voltage/current:
DC 5.0V/1.0A


1# 2# 3#
Light hood


① ② ③

Battery
①: ICR14500
Battery Voltage: 3.7V
Applicable for: LUX V、LUX VI
③: ICR18490B
Battery Voltage: 3.7V
Applicable for: LUX I

②:ICR18490A
Battery Voltage: 3.7V
Applicable fo LUX E


Lightmeter


Bathymeter


Disposable sleeve for LUX I


LED lamp 3W、5W


Glasses

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