



223 Patents; 19 invention patents; Exported to 134 countries

Choice of Millions of Dentists Worldwide

WOODPECKER

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for more information



Since **1989**

CATALOGUE

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2019 1.0 Edition

GUILIN WOODPECKER MEDICAL INSTRUMENT CO., LTD.



National high-tech enterprise

Choice of millions of dentists worldwide

Owner & CEO
Wu Xunxian



我是一个中国人，我会用我的一生
做好一件事，一件能让外国尊重，能让中
国人自豪的事。
吴勋勋 2004.2.19.

Enterprise profile

Concentration

Since **1989**, Woodpecker concentrates on the R&D of dental products.
9 product categories, **85%** domestic market share, and exported to **134** countries.

Innovation

306 employees, **75%** of them are Graduates or above or above,
18.6% are full time R&D team, **223** Intellectual rights, **19** invention patents.

Scale

26841m² 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



Office Building



Library



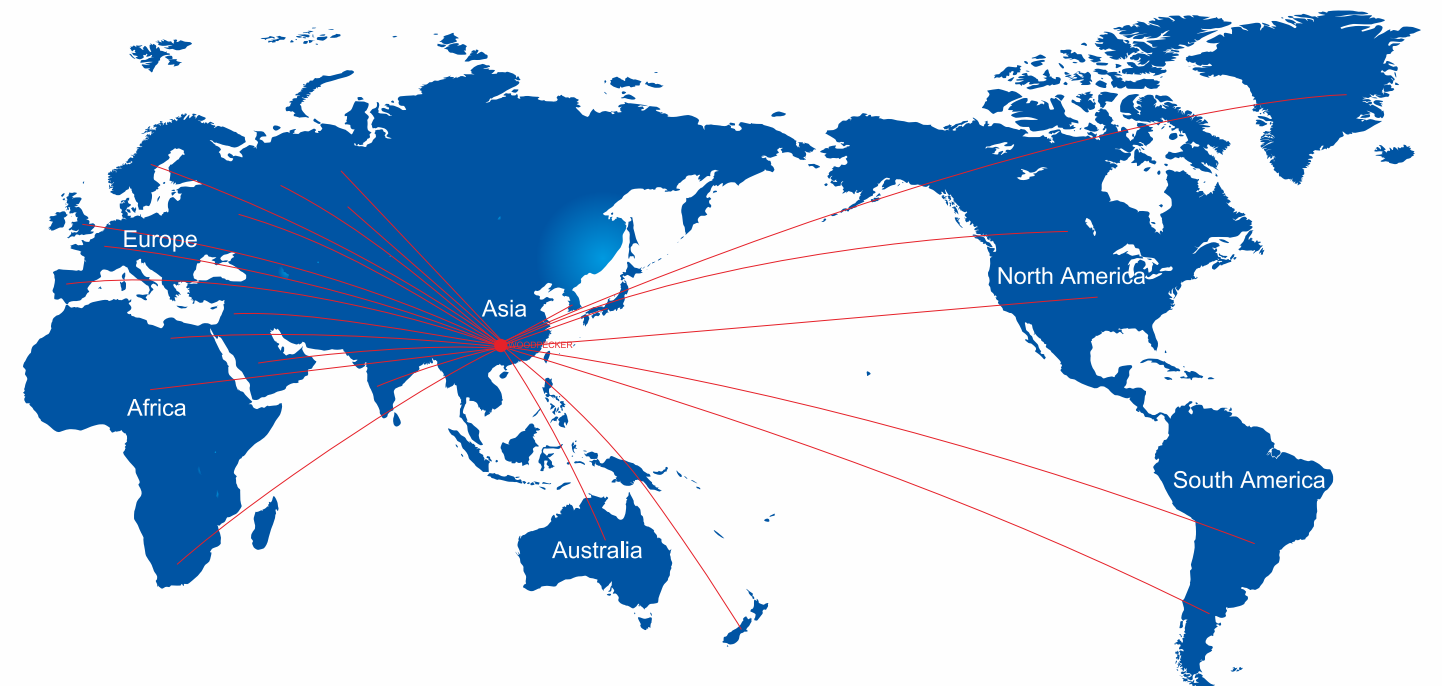
Lecture Hall



Show Room



Woodpecker products have been exported to 134 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

America 22 countries

Canada
Nicaragua
USA
Salvador
Argentina
Guatemala
Paraguay
Venezuela
Panama
Uruguay
Brazil
Chile
Bolivia
Cuba
Dominican
Puerto Rico

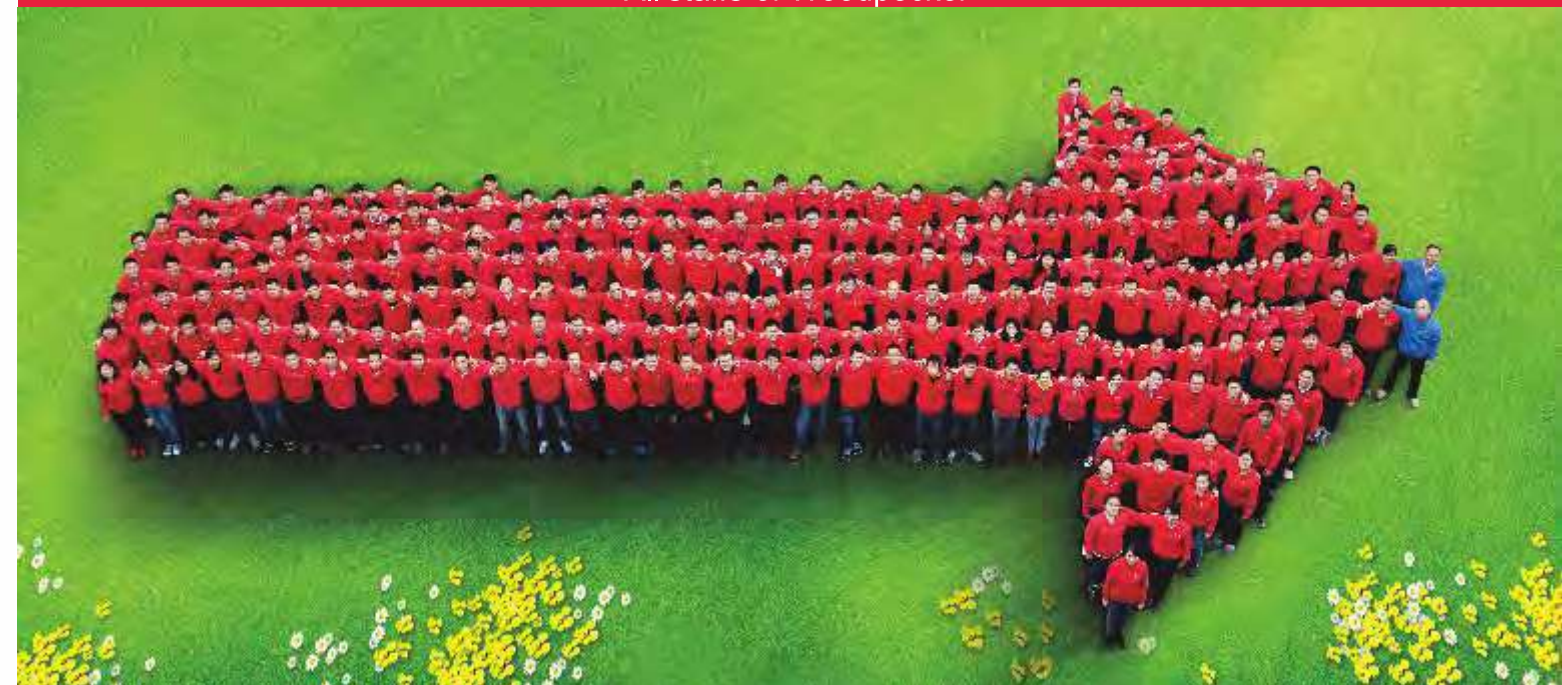
Ecuador 2 countries

Ecuador
Costa Rica
Colombia
Honduras
Peru
Mexico

Africa 25 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
Congo

All staffs of Woodpecker

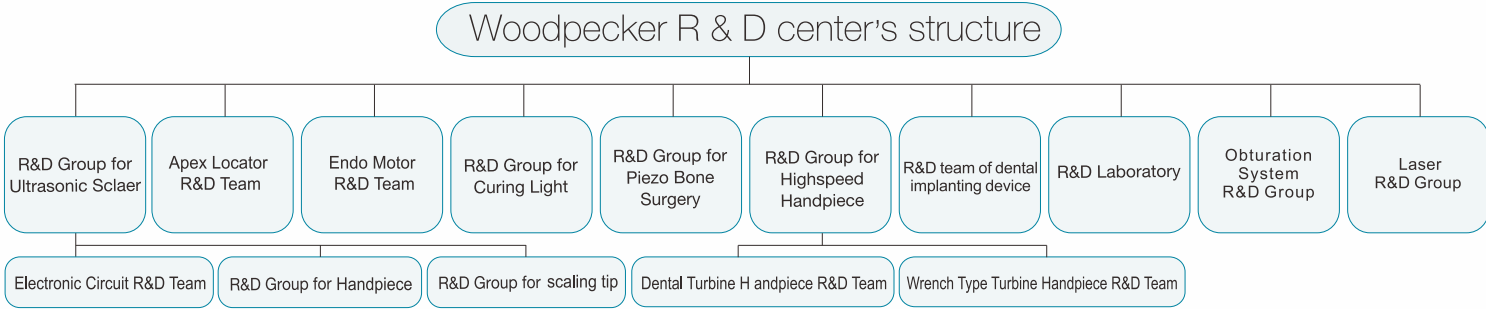


30 years' technical innovation

Made in China German quality
High – quality Durable Innovative

Experienced R&D team in dental instrument industry

Constituted of 13 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.
30 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

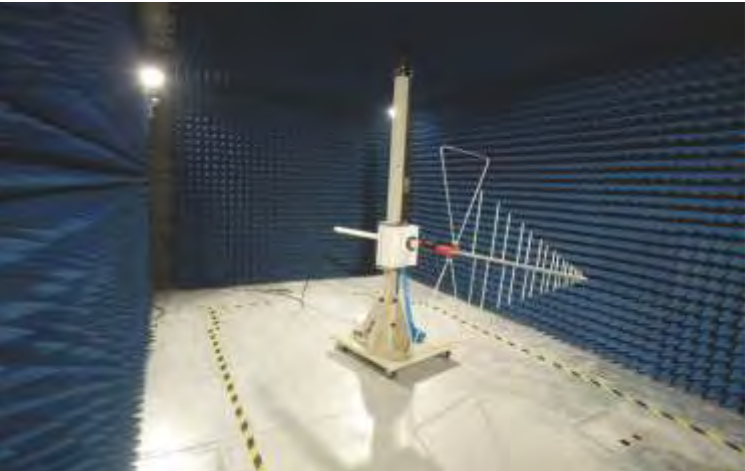
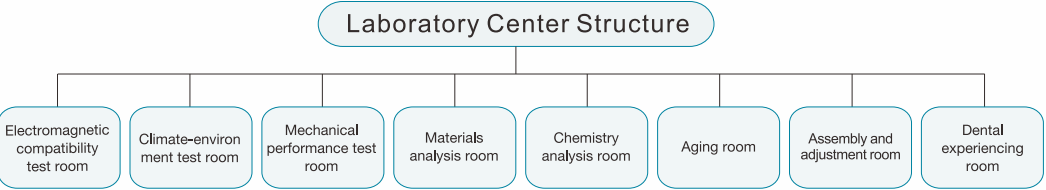


The processing of Tips

- 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.

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.



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



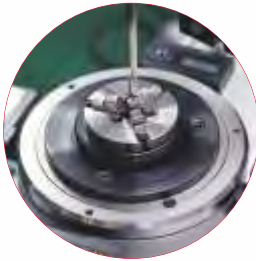
Mechanical Environmental Laboratory Simulate various extremely mechanical environments to ensure the quality of products.



Climate Environmental Laboratory Simulate various extreme climate 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

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 loosening 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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Implanter

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



LX16

A New Generation Of High Power Dental Diode Lasers

Laser parameter:

- Wavelengths & optical power:

976 \pm 10 nm / approx. 0.1 – 10.0 W (CW), optical peak power approx. 16 W;
650 \pm 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 \pm 10 nm / 1 – 3mW (CW)

- Optical fiber thickness:

320 and 200 μ m (fiber tips), 8 mm (glass rods)

- Battery:

5200mAh@11.1V(57.7Wh)



WORLDWIDE LAUNCHING — *PT 3*

PIEZOELECTRIC CERAMICS PAINLESS PERIODONTAL TREATMENT DEVICE

9 invention patents **101** national patents

30 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

PT 3 main specifications:

Frequency: 28000Hz

Tips hardness: 30HRC

Vibration amplitude: 20~60 μ m

Treatment depth: 14mm

Equipped with: 2 handpieces+10 tips

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

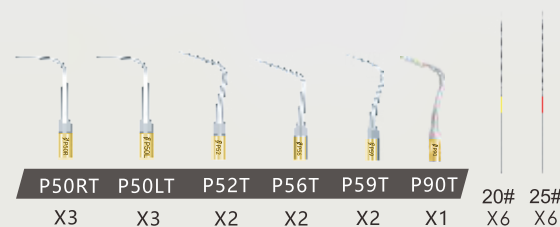
Main specifications:

Frequency: 28000Hz—42000Hz

Tips hardness: 30HRC

Vibration amplitude: 20~60um

Treatment depth: 14mm



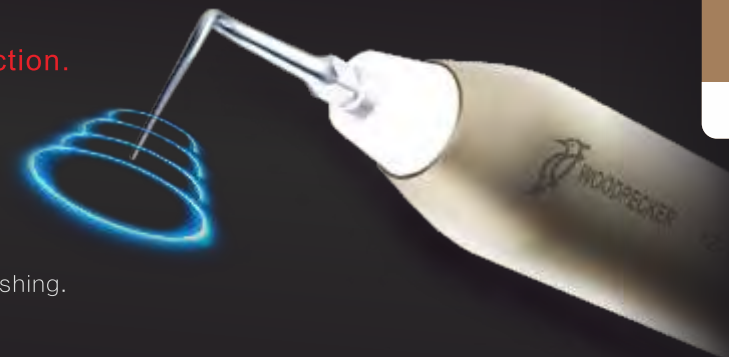
Woodpecker reserves the rights to change the tips configuration without further notice.

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



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 !



U6

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



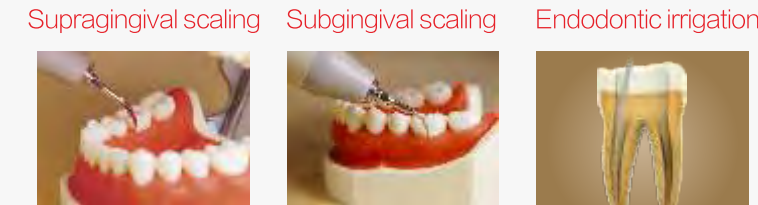
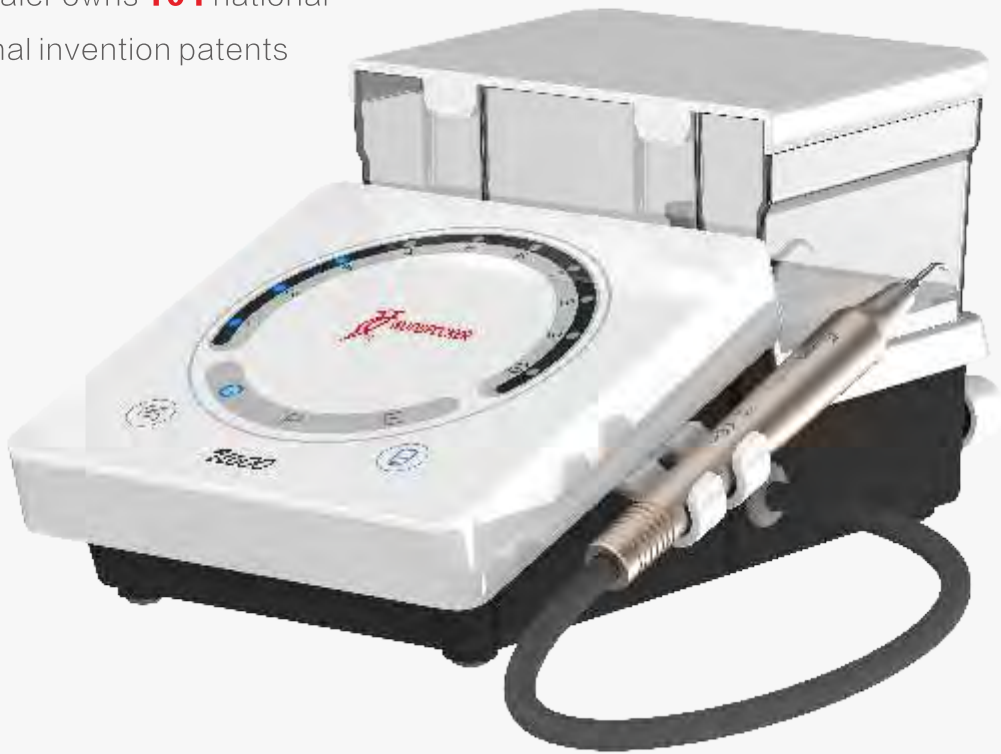
Woodpecker reserves the rights to change the tips
configuration without further notice.



U600 Ultrasonic Scaler

Intelligent power output Experience painless treatment

30 years innovation
Professional scaler manufacturers
Woodpecker scaler owns 101 national patents 9 national invention patents



Endodontic irrigation



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

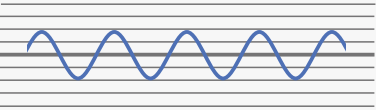
Root canal irrigation is the most widely used clinical support methods. Its purpose is to remove the substance inside root canal, dissolve diseased tissue, remove pathogenic microorganisms, and remove smear layer. Lubricate the root canal internal wall. During root canal preparation process, prevent 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.

Sine wave drive

Avoid pain caused by power surge; ensuring comfortable treatment.

U600 Mild power output



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.

U600 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.

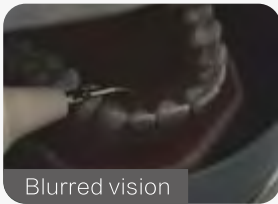
High-quality handpiece

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



Clear vision

U600 LED with light



Blurred vision

Without light

> Standard configuration tips

G4	G12	P1	P3
P8	E62	E60	

> High configuration tips (two in each tip below)

G4	G12	P1	P3
P8	E62	E60	

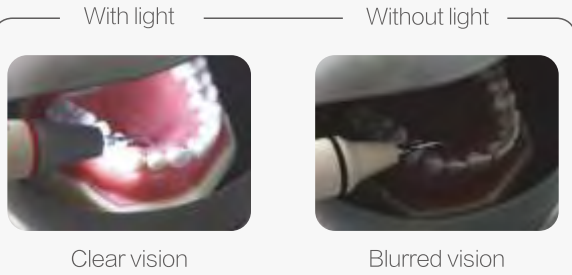
Woodpecker reserves the rights to change the tips configuration without further notice.

UDS-E LED

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

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.

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:	234mmX193mmX109mm



Endodontic irrigation



UDS-K 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
Water pressure	0.1bar~5bar(0.01MPa~0.5MPa)
Main unit input:	~24V 50HZ 1.3A
Main unit weight:	0.75kg
Output power:	38UA
Transformer weight:	1.0kg
Frequency:	28kHz ± 3KHz
Dimensions:	170mmX111mmX65mm

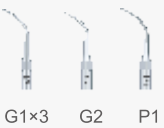


UDS-J

- Scaling
- Perio

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

Voltage input:	~220V 50HZ
Water pressure	0.1bar~5bar(0.01MPa~0.5MPa)
Main unit input:	~24V 50HZ 1.3A
Main unit weight:	0.80kg
Output power:	38VA
Transformer weight:	1.0kg
Frequency:	30kHz ± 3KHz
Dimensions:	205mmX135mmX74mm

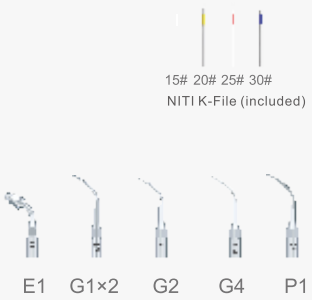


UDS-P LED

- Scaling
- Perio
- Endo
- Handpiece with LED

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

Voltage input:	~220V 50HZ
Water pressure	0.1bar~5bar(0.01MPa~0.5MPa)
Main unit input:	~24V 50HZ 1.3A
Main unit weight:	0.68kg
Output power:	38VA
Transformer weight:	1.0kg
Frequency:	28kHz ± 3KHz
Dimensions:	178mmX145mmX89mm



UDS-B



Sealed handpiece

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

Voltage input: ~220V 50HZ

Water pressure 0.1bar~5bar(0.01MPa~0.5MPa)

Main unit input: ~24V 50HZ 1.3A

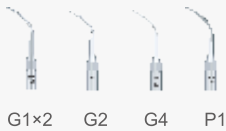
Main unit weight: 0.62kg

Output power: 38VA

Transformer weight: 1.0kg

Frequency: 30kHz ± 3KHz

Dimensions: 192mmX128mmX78mm



Woodpecker Built-in Ultrasonic Scaler
Special design for comprehensive dental chairs

UDS-L 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.

Voltage input: ~220V 50HZ

Water pressure 0.1bar~5bar(0.01MPa~0.5MPa)

Main unit input: ~24V 50HZ 1.3A

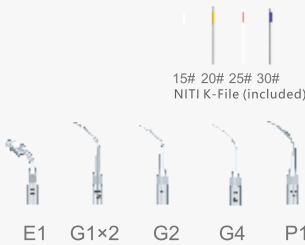
Main unit weight: 0.73kg

Output power: 38VA

Transformer weight: 1.0kg

Frequency: 28kHz ± 3KHz

Dimensions: 190mmX125mmX60mm



UDS-J2 LED



Sealed handpiece with light enables better visibility.

The handpiece sleeve can be autoclaved, avoiding cross-infection.

Three optional colors of handpiece sleeve: green, blue, and purple.

Build-in power supply.

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

Voltage input: ~220V 50HZ

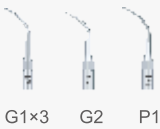
Water pressure 0.1bar~5bar(0.01MPa~0.5MPa) :

Output power: 38VA

Transformer weight: 1.7kg

Frequency: 28kHz ± 3KHz

Dimensions: 190mmX125mmX60mm



UDS-N3 LED

Special design for comprehensive dental chairs

Detachable handpiece with light

Integrate scaling, Endo, and Perio function into a whole.

Microcomputer control and automatic frequency tracking

Water pressure: 0.1bar~5bar(0.01MPa~0.5MPa)

Main unit input: ~24V 50HZ

Main unit weight: 0.2kg

Output power: 38VA

Frequency: 28kHz ± 3KHz

Dimensions: 74mmX56mmX38mm



UDS-N3 LED

Match detachable handpiece HW-5L

UDS-N3

Match detachable handpiece HW - 3H

UDS-A LED



Detachable handpiece with light enables better visibility.

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

Voltage input: ~220V 50HZ

Water pressure 0.1bar~5bar(0.01MPa~0.5MPa)

Main unit input: ~24V 50HZ 1.3A

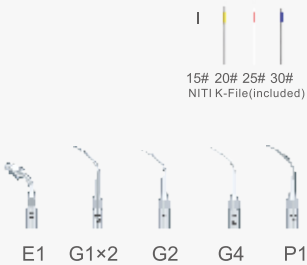
Main unit weight: 0.64kg

Output power: 38VA

Transformer weight: 1.0kg

Frequency: 28kHz ± 3KHz

Dimensions: 196mmX134mmX80mm



UDS-N1

Sealed handpiece;

Microcomputer control and automatic frequency tracking

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

Water pressure: 0.1bar~5bar(0.01MPa~0.5MPa)

Main unit input: ~24V 50HZ

Main unit weight: 0.2kg

Output power: 38VA

Frequency: 28kHz ± 3KHz

Dimensions: 74mmX56mmX38mm



UDS-N1

Match detachable handpiece HW - 1



UDS-N2 LED

Detachable handpiece with light
Microcomputer control and automatic frequency tracking
Automatic degenerative feedback and constant power output brings rather comfortable scaling.
Water pressure: 0.1bar~5bar(0.01MPa~0.5MPa)
Main unit input: ~24V 50HZ
Main unit weight: 0.2kg
Output power: 38VA
Frequency: 28kHz ± 3KHz
Dimensions: 74mmX56mmX38mm

UDS-N2 LED

Match detachable handpiece HW-5L

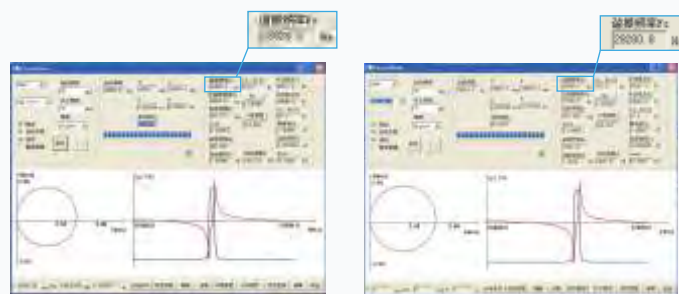
UDS-N2

Match detachable handpiece HW - 3H



Compatibility of tip

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

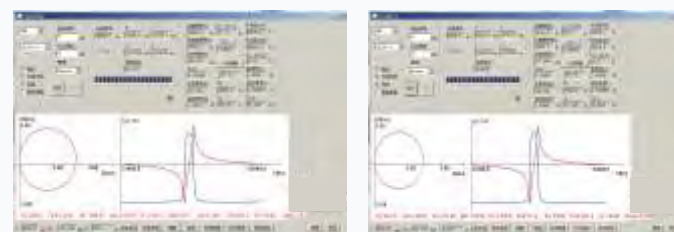


Woodpecker tip can perfectly match E brand scaler

Compatibility of handpiece

Woodpecker: Resonant frequency

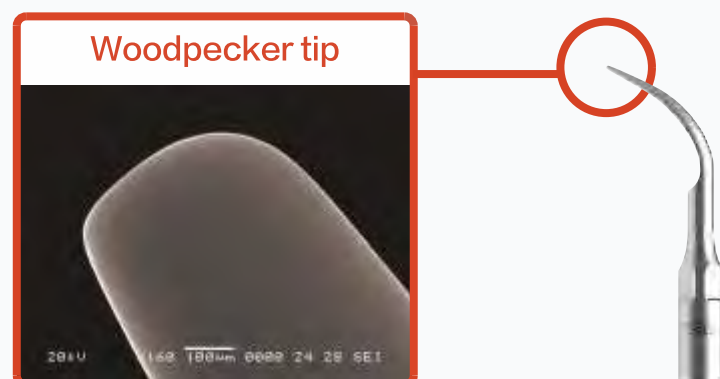
E brand: Resonant frequency



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.



APEX LOCATOR
WOODPEX III Plus
25 National Patents 8 Invention Patents



Apex locating and preparation Two-in-one

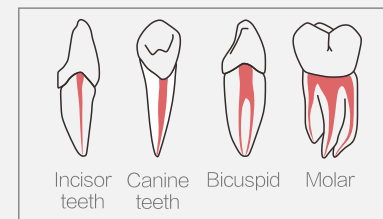
Be able to connect compatible Endo Motor to realize real-time data transmission.
Simultaneously realize apex locating and root canal preparation.

E-COM

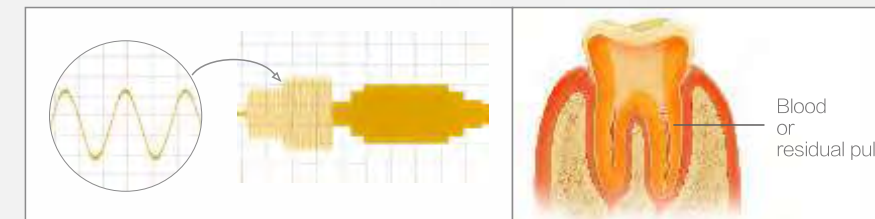
WOODPEX III Plus

- Flexible apex dead point setting
- New dead point setting function allows setting as per professional needs
- Timely remind operators of measuring distance

For all kinds of teeth

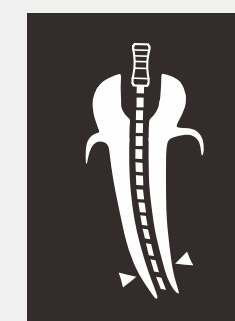


Multi-frequency measurement technology,
blood or residual pulp in root canal will not affect measuring accuracy.



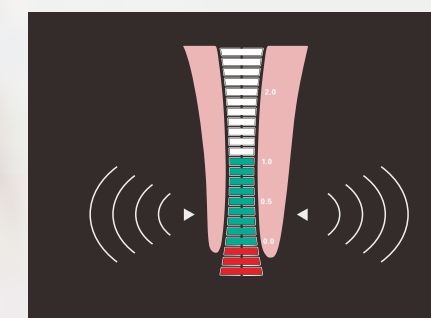
Stable performance

Optimized accessories efficiently avoid unstable measuring



Optimized LCD screen
with brighter color

Homogeneous light distribution
allows better visual perception
Various color areas separately
display the track of probe in root canal

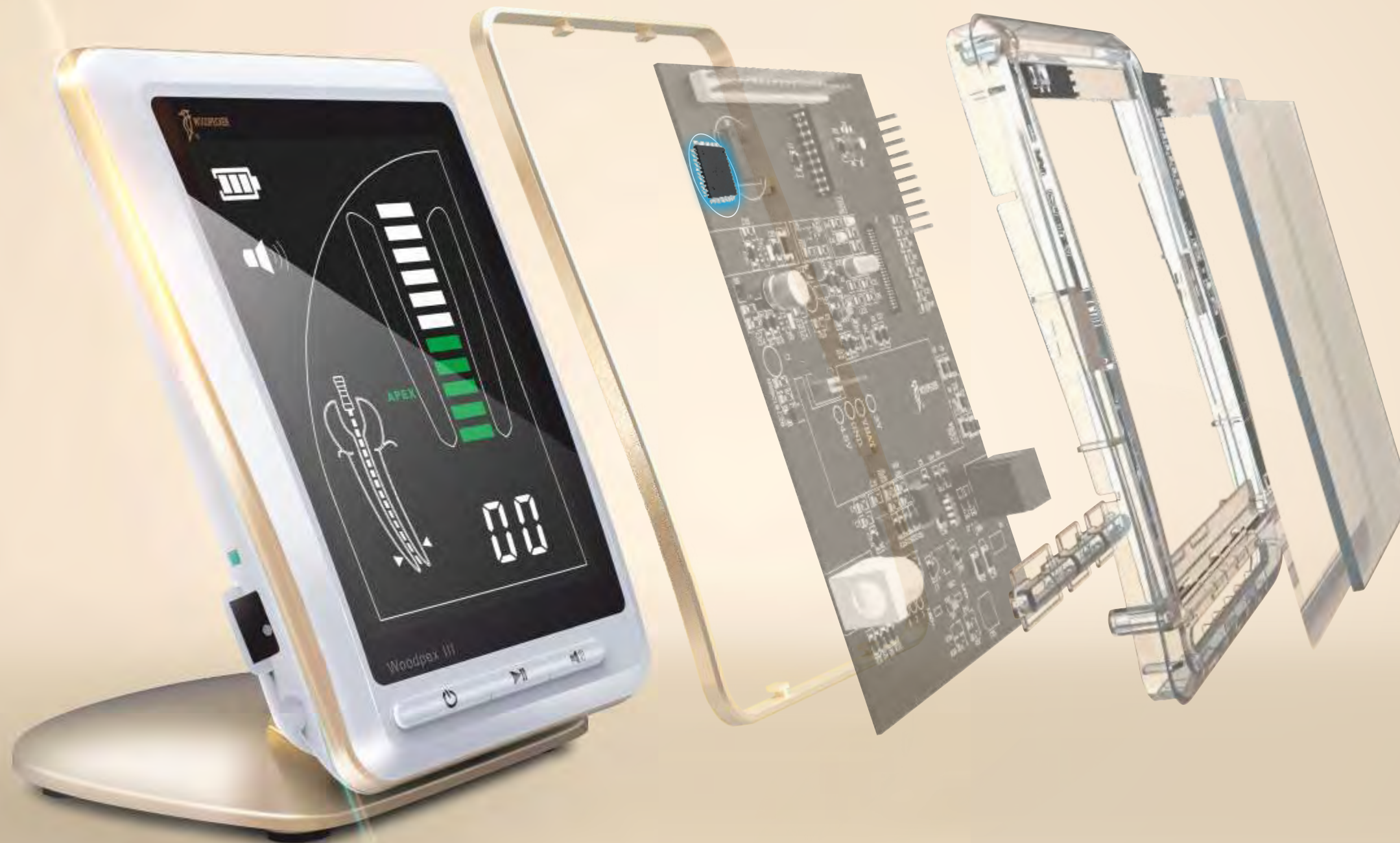


Luxury gold & Rosy gold

Optional luxury gold and rosy gold appearance
Blending excellent structure with fabulous proportion

WOODPEX III Golden Standard

- Color LCD screen displays clear image.
- Multi-frequency apical positioning technology avoids some subjective factors from influencing the measuring result.
- Rechargeable lithium battery
- Adjustable viewing angle



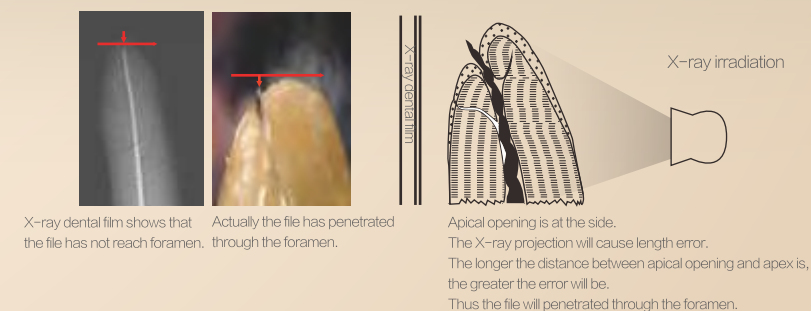
Battery: 3.7V/750mAh
Power consumption: $\leq 0.5W$
Screen: 4.5"LCD
Weight: 350g
Dimension: 84mm \times 88mm \times 112mm

The product were authorized appearance patent, counterfeit will be sued.
Patent No.: ZL201130379058.9

Defects of traditional measuring methods

Defects of handing method
The doctor determines whether the device reaches the apical foramen according to the feeling of hand and pain of patient, which is of strong subjectivity and low accuracy. The accuracy is only about 42% within the error range of $\pm 0.5mm$.

Defects of X-raying method
Three-dimensional structure is projected in two-dimensional plane. For different projection angles, the data is very error-prone; Apical foramen cannot be reflected in the X-ray dental film. And more than 80% of the apical foramens are not in the apex position but at the side.



Minipex Apex Locator

COMBINATION OF TECHNIQUE AND ART

QUALITY AND BEAUTY COEXIST

Small size
High precision

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



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

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.

EFFECTIVELY PREVENT NEEDLE BREAKAGE



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

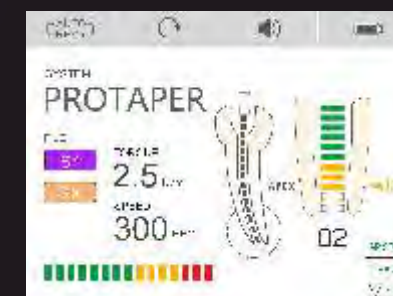


Effectively prevent needle breakage

Reciprocating mode - match all kinds of single file in the market

Continuous mode - three intelligent reversing functions

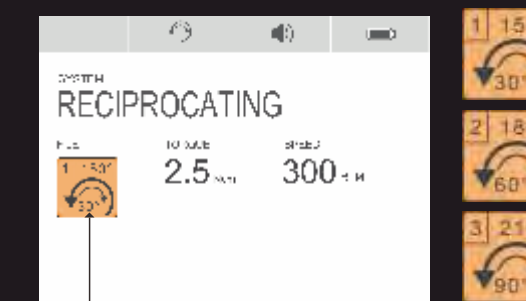
INTEGRATED LENGTH DETERMINATION



- Auto Apical Reverse & Auto Apical Stop
- Auto Start
- Auto Apical Slow-down

RECIPROCATING MODE

Accurate angle control



WIRELESS CHARGING

Non-contact, reliable

Intelligent charging mode: without adapter



WIRELESS COMMUNICATION

Cordless handpiece



LED LIGHT:

Operation Vision is more clear



Three kinds of reversing modes

Torque: 0.6 - 4.0 Ncm

Speed: 200 - 650 RPM

Capable of presetting all the populous file systems in the market

Endo Smart

Effectively prevent file breakage

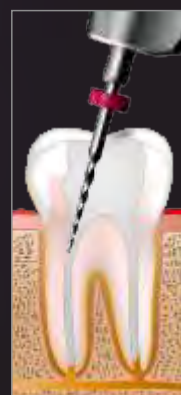
Adopt real-time feedback technology and dynamic torque control, realizing automatic reverse, effectively preventing fracture.

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.



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.

ONECURE™

X-Cure

Wide Spectrum Curing Light

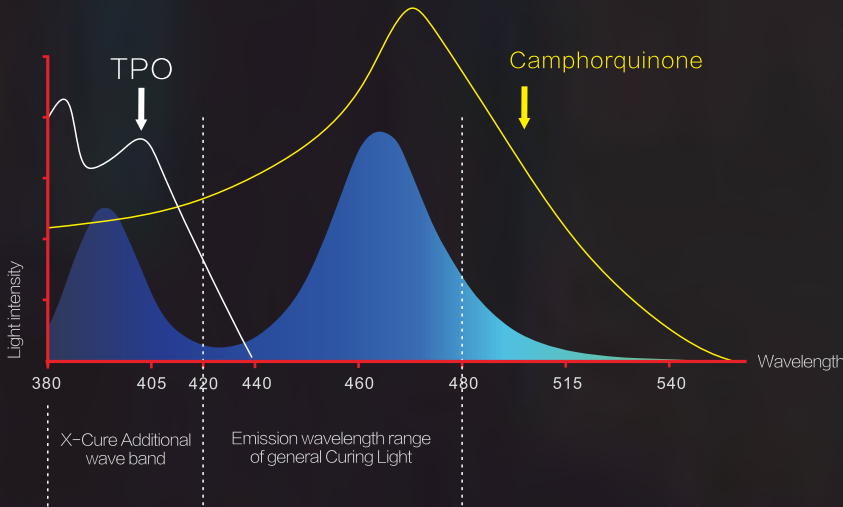
Eleven years of Curing Light technological research and development
Wide Spectrum LED Curing Light X-Cure emerges at the right moment
Compared with general LED Curing Light, it is of wider emission wavelength range,
better curing bleaching resin and transparent resin.



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.



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/cm² with such a small size.

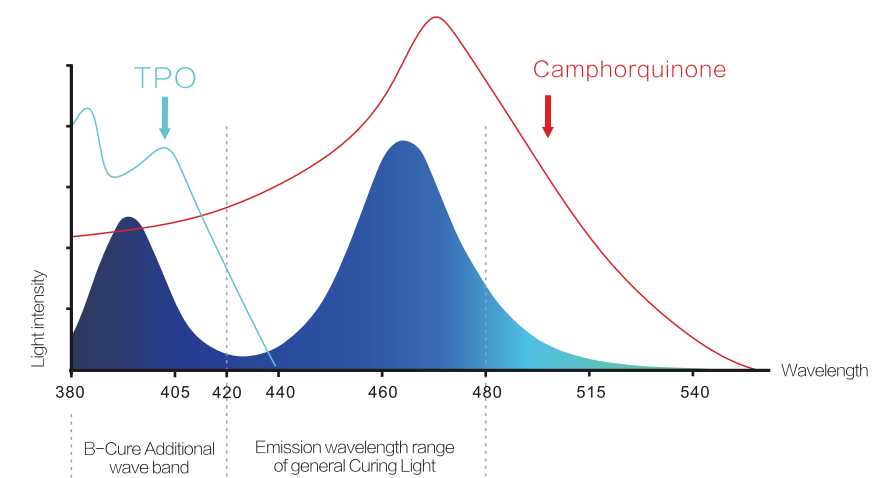
Curing normal resin that is thicker than 2mm in three seconds Play an important role in cementation of all-ceramic restoration and orthodontic bracket.

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.



EXPERT IN LED CURING LIGHT !



**3 SECONDS
FOR
CURING**
Up to 1800mW/cm
HIGH INTENSITY

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

LED.F

- Light meter attached.
- Built-in fan to avoid over-heat.
- OLED screen. All angles visible.
- Especially suitable to solidify agglomerant of orthodontic bracket, veneer and post.

Power input AC100V-240V 50Hz/60Hz
Light output 1600mW/cm²-1800mW/cm²
Net weight 210g
Dimensions 195mm×40mm×150mm



Main unit
OLED Screen



Pedestal
Light intensity indicator and
light intensity measure point



Industrial design patent No.: CN 200930321058.6

LED.B

- Wireless.
- Time setting: 5s, 10s, 15s, 20s.
- Large capacity battery. A full charge can be used for more than 500 times continuously under 10s working time mode.
- Low standby power consumption with seventy days` standby time.
- Constant light intensity. The solidification effect is not affected by the consumption of remaining power.

Light intensity updated 5 seconds for curing



Industrial design patent No.: CN 200730092316.9

Power input	AC100V-240V 50Hz/60Hz
Light output	1000mW/cm²-1600mW/cm²
Net weight	145g
Dimensions	260mm×31mm×31mm

LED.D

- Wireless. The battery can be replaced.
- Three working modes: Full, Ramping, Pulse.
- Time setting: 5s, 10s, 15s, 20s, 25s, 30s, 35s, 40s.
- A full charge can be used for over 400 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.

Light intensity updated 5 seconds for curing



Industrial design patent No.: CN 200930300230.X

Power input	AC100V-240V 50Hz/60Hz
Light output	850mW/cm²-1600mW/cm²
Net weight	143g
Dimensions	264mm×32mm×37mm

LED.C

- Wireless. The battery can be replaced.
- Three working modes: Full, Ramping, Pulse.
- Time setting: 5s, 10s, 15s, 20s.
- 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 forty days` standby time.
- Constant light intensity. The solidification effect is not affected by the consumption of remaining power.



Industrial design patent No.: CN 200830300501.7

Power input	AC100V-240V 50Hz/60Hz
Light output	1000mW/cm²-1200mW/cm²
Net weight	120g
Dimensions	263mm×Φ23mm

LED.H

- Metal shell, five colours optional.
- Wireless. The battery can be replaced.
- Three working modes: Full, Ramping, Pulse.
- Time setting: 3s, 5s, 10s, 15s, 20s, 25s, 30s, 35s, 40s.
- Large capacity battery.
- A full charge can be used for more than 500 times continuously under 10s working time mode
- Low standby power consumption with seventy days` standby time.
- Constant light intensity.
- The solidification effect is not affected by the consumption of remaining power.



Industrial design patent No.: CN 201130176281.3

Power input	AC100V-240V 50Hz/60Hz
Light output	1000mW/cm²-1200mW/cm²
Net weight	178g
Dimensions	252mm×Φ25mm

LED.G (Built-in sealed)

Power input AC24V 50Hz/60Hz
Light output 1000mW/cm²-1200mW/cm²
Net weight 135g
Dimensions 260mm×26mm×25mm

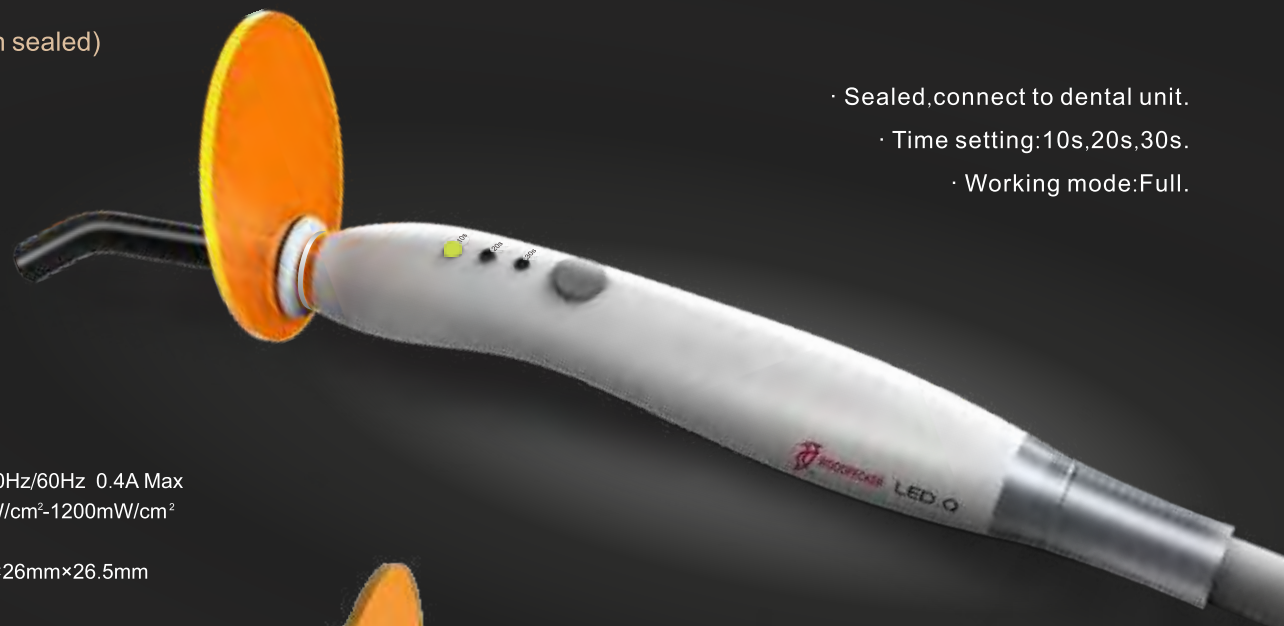
- Sealed, connect to the dental unit.
- 10 seconds working time.
- Three working modes: Full, Ramping, Pulse.



LED.Q (Built-in sealed)

Power input ~24V 50Hz/60Hz 0.4A Max
Light intensity 1000mW/cm²-1200mW/cm²
Net weight 127g
Dimensions 248mm×26mm×26.5mm

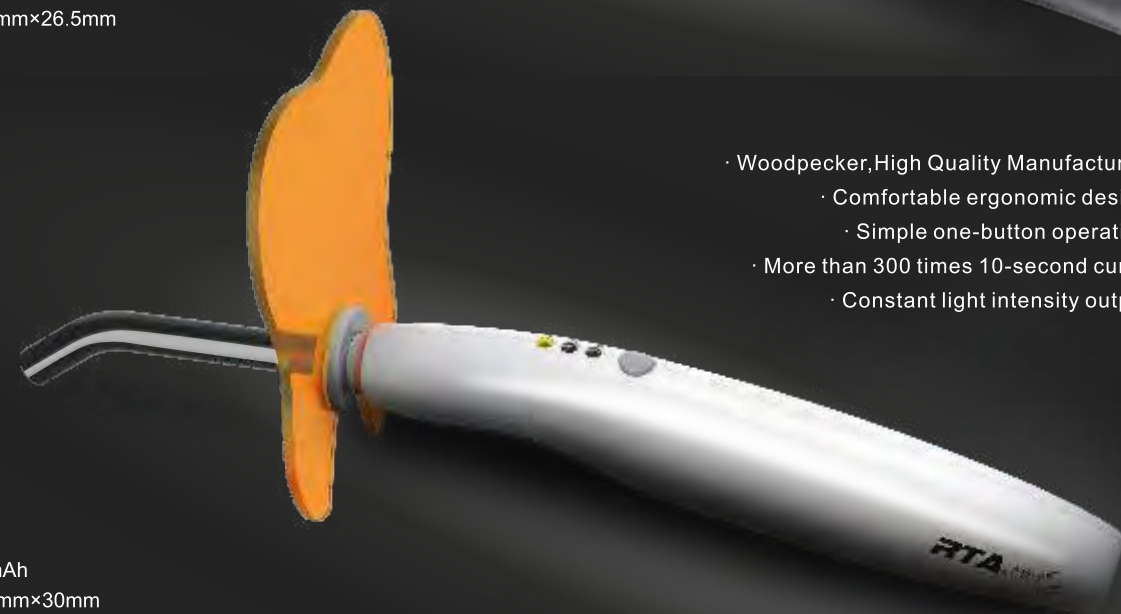
- Sealed, connect to dental unit.
- Time setting: 10s, 20s, 30s.
- Working mode: Full.



MINI S Curing light

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

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



CURING LIGHT iLed



Cure 2mm resins in one second

light intensity up to **2300 mw/cm²**



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

LED.H | ORTHODONTIC EXPERT |

Rapid orthodontic 3 seconds for curing

Light intensity up to 1800mW/cm² , only 3 seconds to solidify the bracket.

Beveled light guide

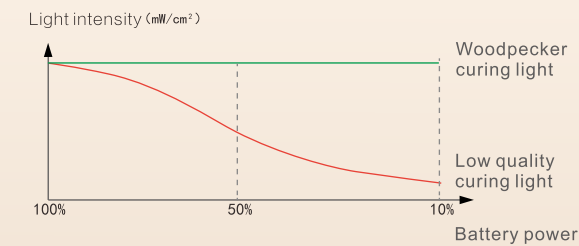
Easy to touch any part of teeth , radiate vertically at any angles , especially suitable for posterior teeth

Continuous work time

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

CONSTANT LIGHT INTENSITY

Tests have shown: curing light without constant light intensity will cause incomplete solidification to the bottom of resin when power drop to about 60%.



Constant light output. Solidification effect will not be affected by the consumption of remaining power.

For most curing lights on the market, light intensity obviously decreases with the consumption of remaining power



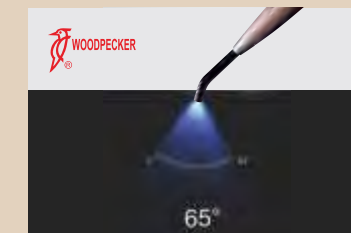
LIGHT HOOD



Woodpecker light hood is made of selected quality materials, rejecting Blue-ray injury.

Studies prove that Blue-ray will cause macular degeneration to retina and eyes.

OPTICAL FIBER



Can be autoclaved under 135°C high temperature and 0.22Mpa high pressure, effectively avoiding cross infection.

BATTERY



Woodpecker lithium battery with CB certification, more reliable, no explosion

Batteries on the market without sound charge management will easily cause explosion under high temperature with unguaranteed quality.

Batteries produced by unknown manufacturer will easily cause safety accidents. Please visit Woodpecker official website (www.glwoodpecker.com), click on video and watch Battery High Temperature Test.



KINGKONG series drop
Resistant dental handpiece

MORE POWERFUL AND MORE EFFICIENT

Thanks to the new optimized wind wheel and gas path design

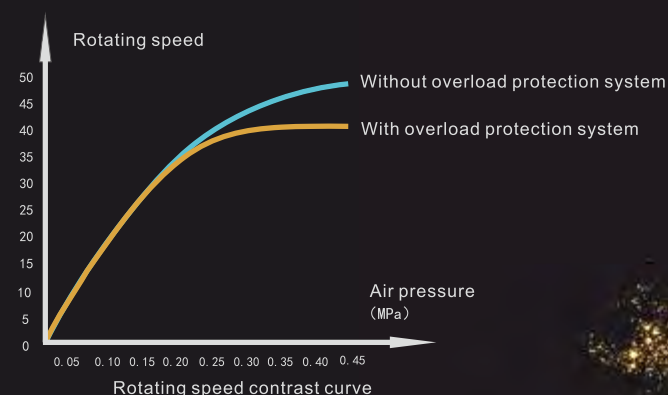
Torque is up to **7.5gf.cm**, which has increased by **62.8%** compared to old type handpiece.

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

OVERLOAD PROTECTION SYSTEM



Feature article of overload protection system



The new overload protection system can protect the handpiece from higher pressure, prolonging handpiece'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.

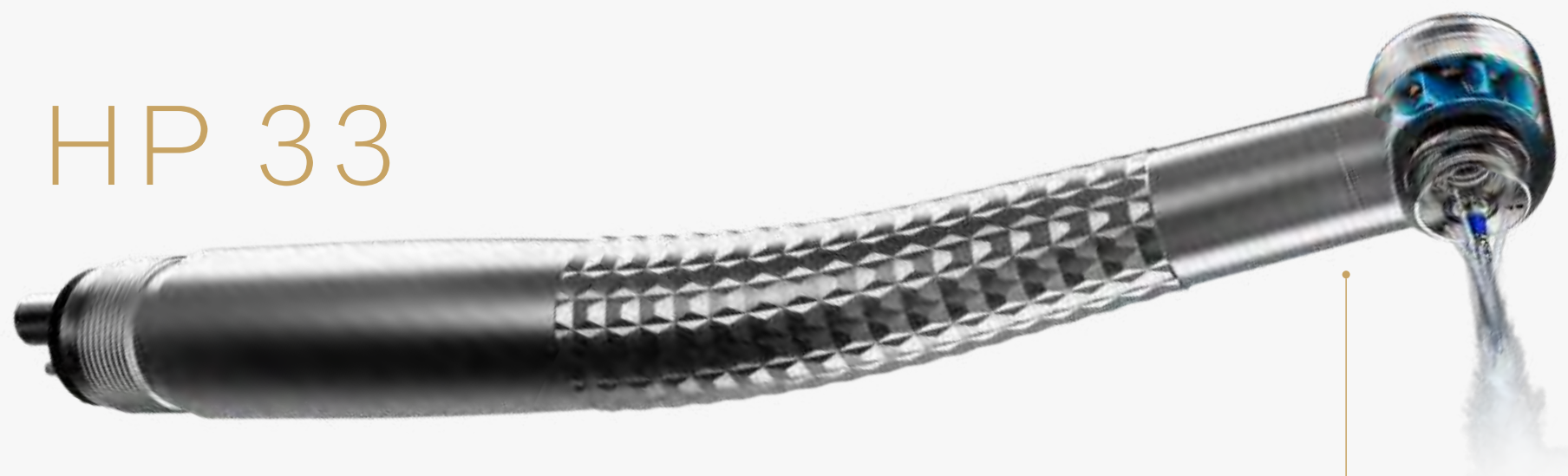
It can grasp the niddle tighter

It wouldn't be hard to uninstall the burs after intense cutting, making it more convenient to install and uninstall the burs.

THE CHAMPION AMONG EXCELLENCES

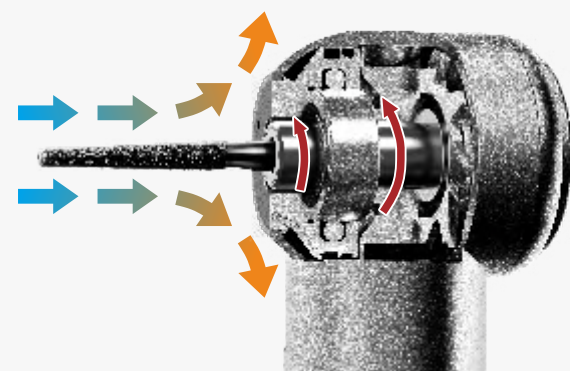
Cutting force raises **94.6%**

HP 33



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.



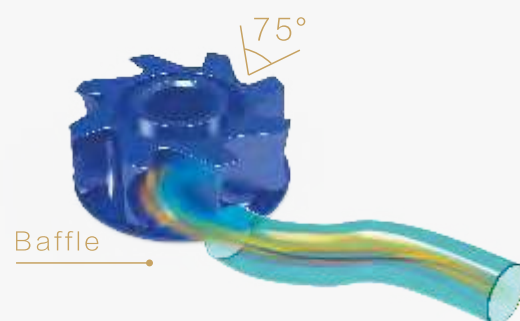
Strong enough clamping force Tighter needle grasping

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 burs.
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.



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.



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	Φ 12.0mm	Φ 11.2mm	Φ 11.2mm
Noise	< 70dB	< 70dB	< 70dB

SURGIC TOUCH

WOODPECKER 3RD GENERATION OF ULTRASURGERY

High-performance Handpiece

Optimized handpiece with stronger sealing
High temperature cooking disinfection causes no loss of performance
High-brightness LED brings clearer operating vision
Bringing doctor better clinical application experience

Multi-function Foot Pedal

Equip device with multi-function foot pedal, which makes it easy to control water flow, working mode, and power, simplifying operation procedures and realizing efficient operation.

Clinical application

Minimally invasive tooth extraction, Intralift, Sinus Lift, Alveoloplasty, apical cyst extraction, Crown Extension, Crest splitting, etc.



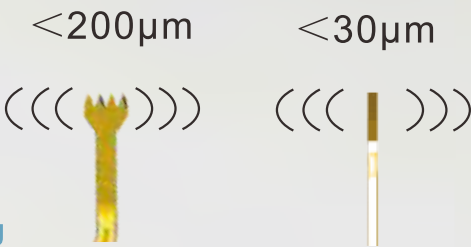
7-inch Touching Screen

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

UltraSurgery



Excellent Performance



Minimally invasive cutting

Ultrasonography tip vibration accuracy is of micrometer level. During operation, gripping requires only a small force, and there is no cutting trajectory limit.

Radial amplitude : 20-200µm Transverse amplitude : < 30µm

Without hurt to soft tissue

Selective cutting will not hurt soft tissue. Ultrasonography vibrating frequency is 24 - 29.5KHZ which enables effectively cutting and reduces risk of hurting soft tissue.



Equipped with **x2**



Stable and efficient cutting

Handpiece and tip are of the same vibration frequency, endowing stable and efficient cutting.

Minimally invasive cutting

Minimally invasive selective cutting
Without hurt to soft tissue

Detail Matters

Handpiece tail cord and pump tube can be autoclaved to avoid bacterial infection.
High power LED driving technology brings clear operation vision.



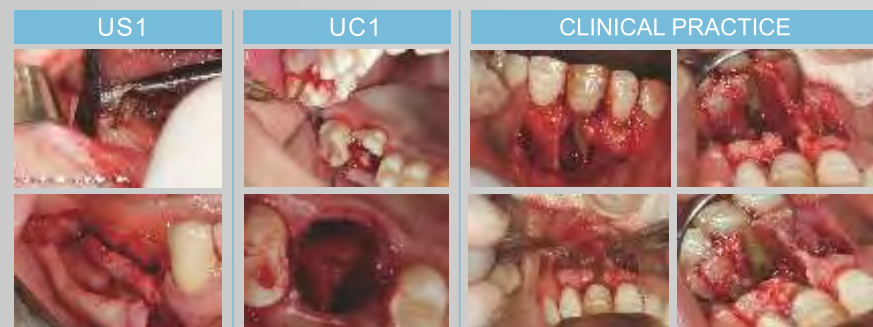
US-II LED

Woodpecker core technology, reliable cutting efficiency professor

38 patents, 9 invention patents

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

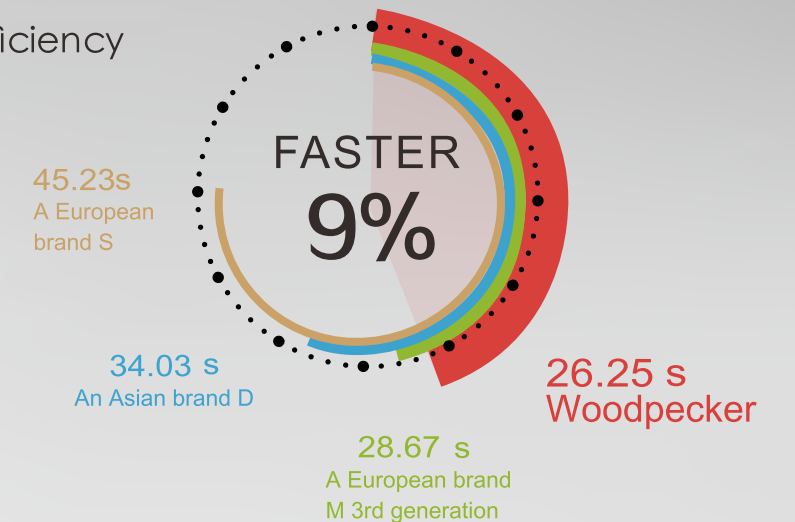
Exported to 89 countries, including Germany, Switzerland, Italy etc.



Technical parameters

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

Comparison of cutting efficiency
with other famous brands



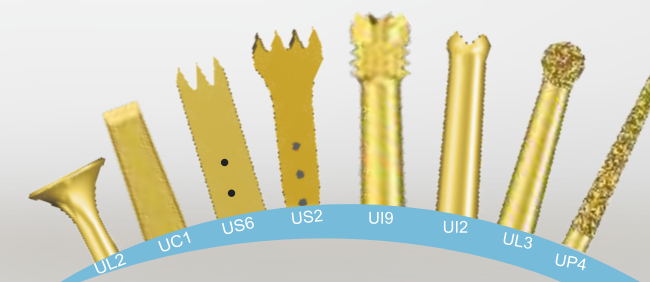
SAFE

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

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



Micrometric cuts, Selective cuts,
No harm to soft tissue



HIGHLIGHT LAMP
CLEAR VISIBILITY

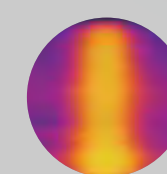
WORKING 10 MIN UNDER FULL POWER
TEST THE TEMPERATURE OF HANDPIECES



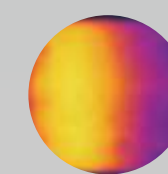
WOODPECKER
Brand 33°C



Well-known European
Brand S 30°C

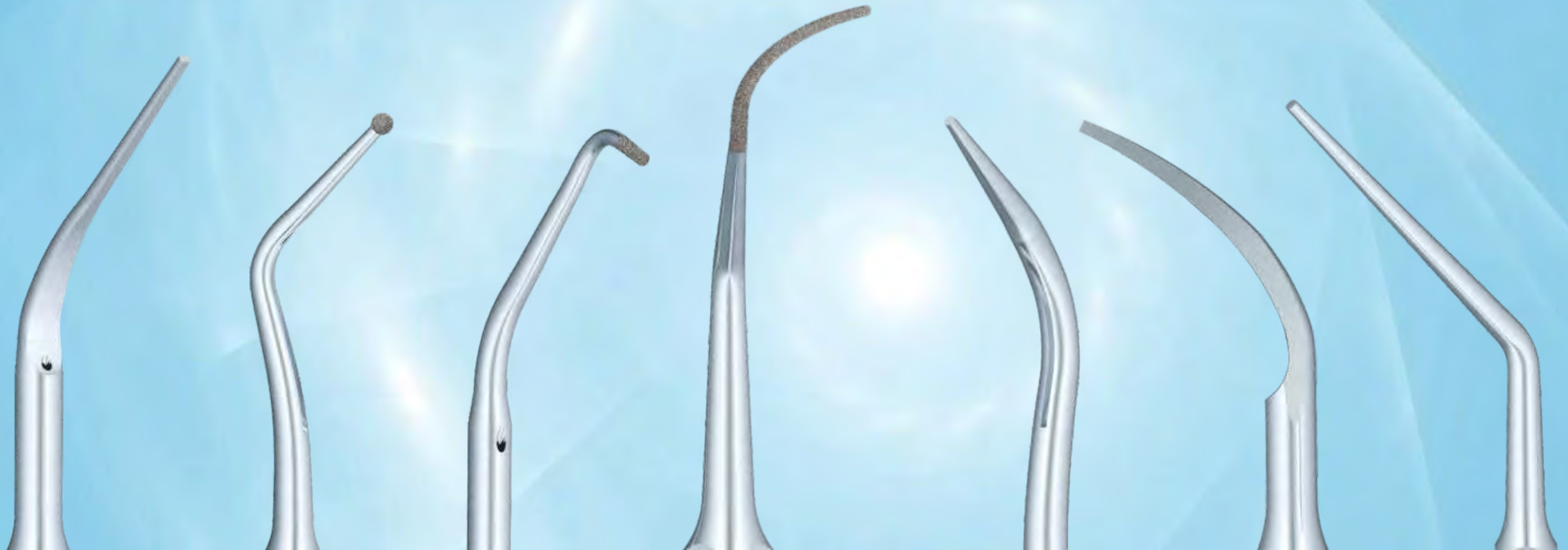


Well-known European
Brand M 33°C




Well-known Asian
Brand D 38°C

More powerful than you imagine





Please use the correct scaler tip

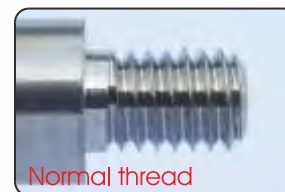


Tips marked with  connected to handpiece marked with **DTE** will lead to serious problem.



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

 These kinds of damages are not covered under warranty.



The comparison between Woodpecker tip and disposable tip made in China

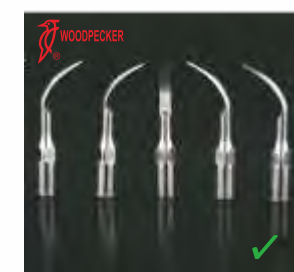


Woodpecker tip spray evenly, effective cleaning and cooling



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

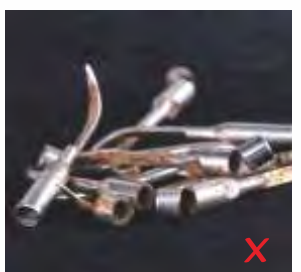
The comparison between Woodpecker tip and disposable tip made in China



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



Tips of poor quality start to be cracked after one-hour working, the cracking 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, 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!


Scaling

G1

Supragingival scaling










G2

Supragingival scaling










G3

Supragingival scaling










G4

Supragingival scaling










G5

Supragingival scaling










G6

Supragingival scaling










G7

Remove dental crown










G8

Remove dental pile, with irrigation










G9

Supragingival scaling










G10

Supragingival scaling










G11

Orthodontic treatment










Periodontics

P1

Periodontal scaling










P3

Periodontal scaling




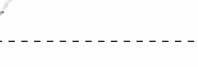





P4

Periodontal scaling










P3D

Polish root canal surface










P2L

Periodontal scaling










P2R

Periodontal scaling










P2LD

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










P2RD

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










Cavity preparation

SB1

Removing the caries on occlusal surface of teeth and dental neck




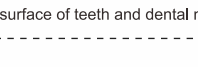





SB2

Removing the caries on Mesial surface of the adjacent teeth










SB3

Removing the caries on Distal surface of the adjacent teeth










G31

Preparation of mesiocclusion cavity




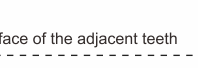





G33

Preparation of teeth veneer










SBL

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




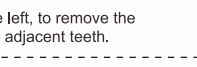





SBR

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










G30

Preparation between pits and fissures




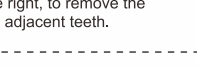





G32

Preparation of distal and mesial cavity







Shoulder preparation

G20

Abrade dentin







G21

Fine repair and polish the prepared shoulder










Endodontics

E1

120°angle holder, for root canal cleaning










E2

95°angle holder, for root canal cleaning










E3

For the lateral thermal condensation of gutta-percha










E3D

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










P4D

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










E4

Remove obstructions and broken instruments in the root canal










E4D

For the retreatment and removal of hard material




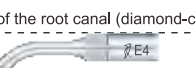





E5

Remove root canal fillings and broken instruments in the coronal third










E5D

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










E8

Burs holder, used to expand root canal and grind teeth










E9

Burs holder, used to expand root canal and grind teeth










E10

Used for root canal softly treatment










E10D

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










E11

Used for root canal softly treatment




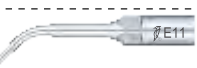





E11D

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










E14

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










E15

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










E14D

For the retreatment and removal of hard material, with irrigation










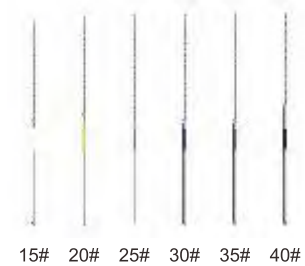
E15D

Remove calcification in root canal, root canal cleaning and enlargement









Tip with excellent tenacity is used for root canal cleaning
File size: 32.5mm? .5mm
Handpiece size: Φ0.68mm~0.71mm
K-file taper: 2%
Each kit with six pieces,one kit for one model
Contraindications and precautions can be found in the manual.

Scaling

G1T



Supragingival scaling

G2T



Supragingival scaling

G3T



Supragingival scaling

G4T






Supragingival scaling

G5T






Supragingival scaling

G6T






Supragingival scaling

G7T






Remove dental crown

G8T






Remove dental pile, with irrigation

G9T



Supragingival scaling

G10T



Supragingival scaling

Endodontics

E1T



120°angle holder, for root canal cleaning

E2T



95°angle holder, for root canal cleaning

E3T



For the lateral thermal condensation of gutta-percha

E4T



Remove obstructions and broken instruments in the root canal

E5T






Remove root canal fillings and broken instruments in the coronal third

E8T






Burs holder, used to expand root canal and grind teeth

E9T



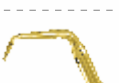
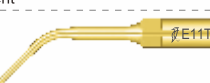

Burs holder, used to expand root canal and grind teeth

E10T






Used for root canal softly treatment

E11T






Used for root canal softly treatment

E14T



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




E15T



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




Periodontics *New!*

P1T






Periodontal scaling

P2LT






Periodontal scaling

P2RT






Periodontal scaling

P3T






Periodontal scaling

P3LT






Periodontal scaling

P3RT






Periodontal scaling

P4T




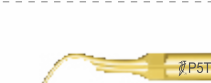

Periodontal scaling

P5T






Periodontal scaling

P10T






Periodontal scaling

P11T






Periodontal scaling

P12T






Periodontal scaling

P14LT






Periodontal scaling

P14RT






Periodontal scaling

P18T






Periodontal scaling

P20T






Periodontal scaling

P20LT






Periodontal scaling

P20RT






Periodontal scaling

P21LT






Periodontal scaling

P21RT






Periodontal scaling

P22LT



Periodontal scaling


P22RT





Periodontal scaling

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




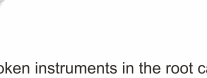





Remove obstructions and broken instruments in the root canal, with irrigation

ES15










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

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

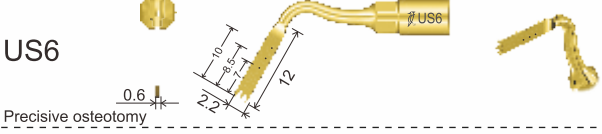
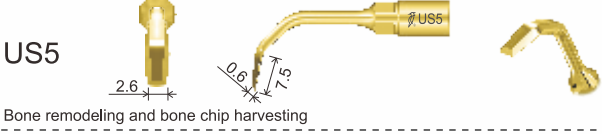
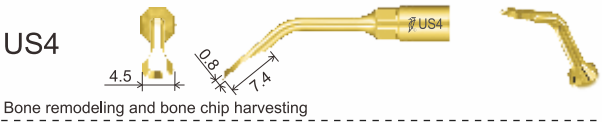
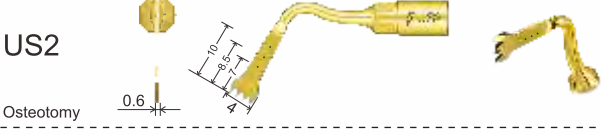
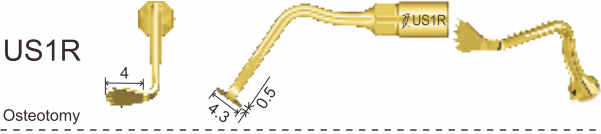
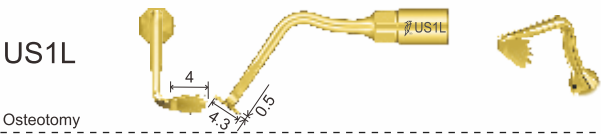




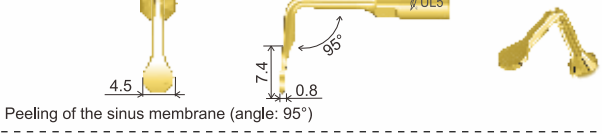
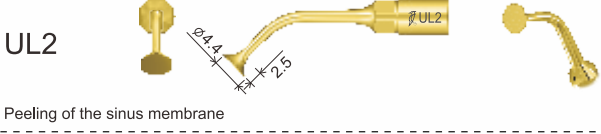
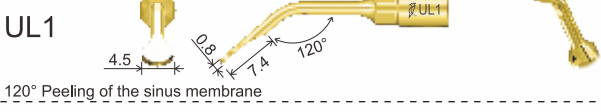


Supragingival scaling

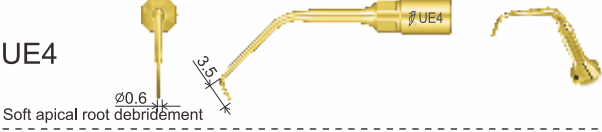
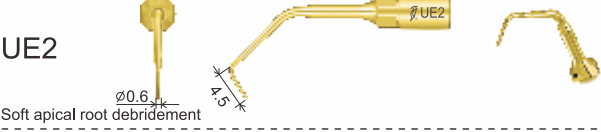
Bone surgery



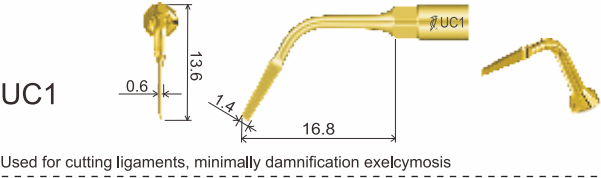
Sinus lifting



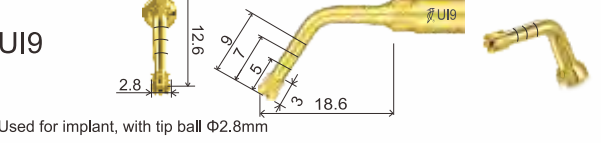
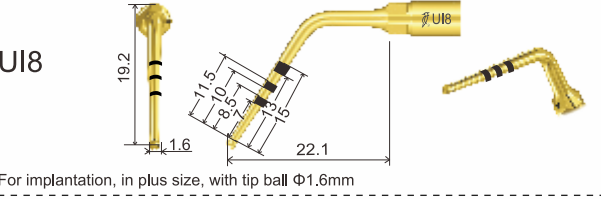
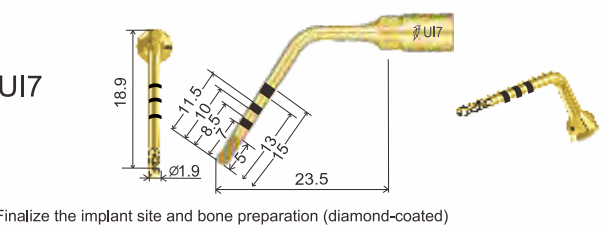
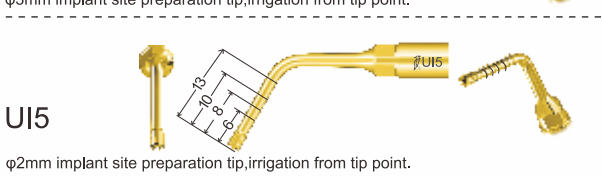
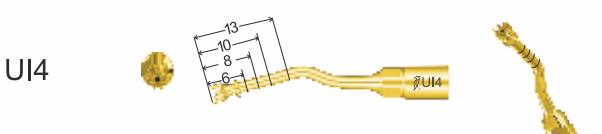
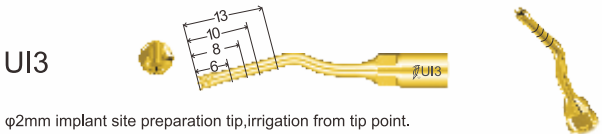
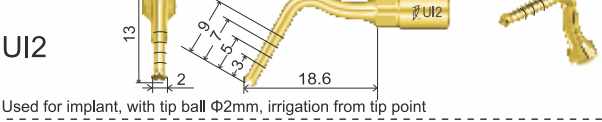
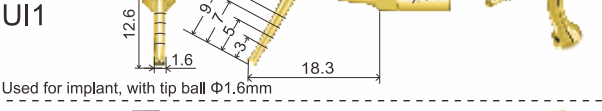
Endodontic



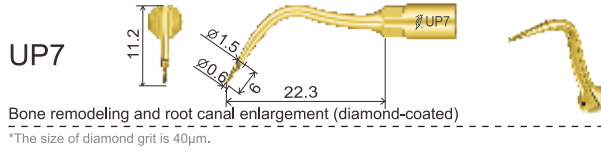
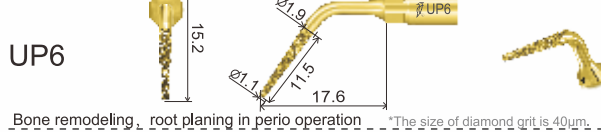
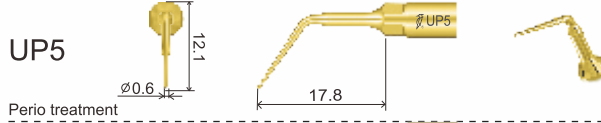
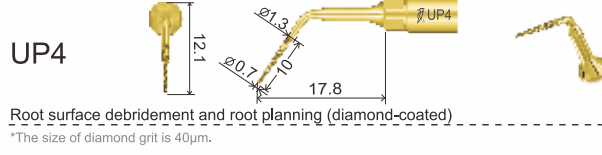
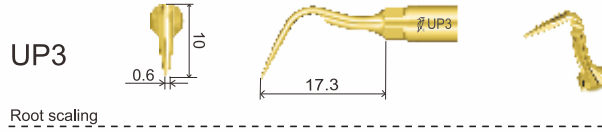
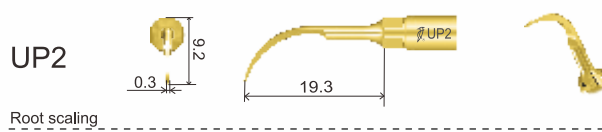
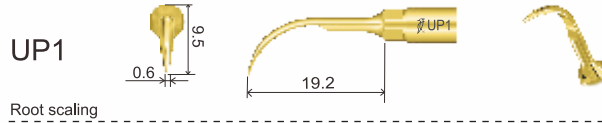
Exelcymosis



Implantation



Periodontal surgery



Ultrasurgery Tip Kit

Basic Kit	Sinus Lifting Kit	Bone Surgery Kit	Exelcymosis Kit	Periodontal Surgery Kit	Endodontic Kit	Implantation Kit
Include: US2/US3 US4/US5/UC1	Include: UL1/UL2 UL3/UL4/UL5	Include: US1/US2 US1L/US1R/US6	Include: UC1/UC2 UC3/UP2/UP3	Include: US4/UP2 UP4/UP5/UP7	Include: UE1/UE2 UE3/UE4/US4	Include: UI1/UI2 UI7/UI8/UI9

Handpiece for Ultrasonic scaler

HW-6L

• USED FOR: WOODPECKER scalers with detachable handpiece, with light.



Weight	44 g
Dimensions	101mm×Φ18mm

HW-6

• USED FOR: WOODPECKER scalers with detachable handpiece, without light.



Weight	52g
Dimensions	111 mm×Φ17.5mm

HW-5L

• USED FOR: WOODPECKER scalers with detachable handpiece, with light, broader view , autoclavable.
Plastic head and metal head are optional.



Weight	51.5g
Dimensions	105mm×Φ18.9mm



Weight	45g
Dimensions	105mm×Φ18.9mm

HW-3H

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



Weight	47g
Dimensions	117mm×Φ18mm



Weight	47g
Dimensions	117mm×Φ18mm

HW-1C

• USED FOR: UDS-J2/UDS-N4,handpiece sleeve is autoclavable.
• Three colours optional to the handpiece sleeve (green / yellow / amethyst).



Weight	135g (+cable)
Dimensions	137mm×Φ20.4mm

HW-1L

• USED FOR: USD-J2 LED, handpiece sleeve is autoclavable.
• Three colours optional to the handpiece sleeve (green/ blue/ amethyst).



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

HW-1

• USED FOR:UDS-J/UDS-B/UDS-N1.



Weight	116g (+cable)
Dimensions	113mm×Φ18mm

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-quality material, it is safe and durable.
- Pneumatic water control ensures consistency in water pressure.
- Compatible with scalers of any brands.
- User friendly , small in space occupation.



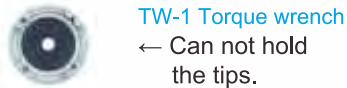
Autoclavable set
Handpiece×1
Torque wrench×1
Endo wrench×1
(6 tips optional)



Detachable cable
With different connectors,
available for handpiece
HW-3H, HW-5L respectively



TW-1L Torque wrench
← Hold the tips.



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



TW-2L Torque wrench
Hold the tips.



TS-1L Torque wrench
For Sirona scaler tips.



TW-5LTorque wrench
For Woodpecker and EMS
scaler tips
TS-5LTorque wrench
For Sirona scaler tips
TK-5LTorque wrench
For Kavo scaler tips



TW-3 Wrench



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

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



Diaphragm pump



1# Tip holder



2# Tip holder



Foot switch(round)



Quick connector



File stand



Peristaltic pump




Foot switch(square)




LED lamp


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)




Bearing B (ceramic ball, with shield)



Cap spanner applicable for HP13-M4/B2



Cap spanner applicable for HL11-M4/B2 HL13-M4/B2



Cap spanner applicable for HP11-M4/B2

Spare parts for apex locator



Lip hook



Measuring wire



File clip



Probe



Tester



Adapter 5V/1A (For Woodpex III)




Battery ICR14500 (For Woodpex III)




Endo ruler


Spare parts for ultrasurgery




Handpiece



Tip holder




TU-1 Torque wrench




Foot switch




Pump tubing




Pump connector




Handpiece holder



Water tank hanger




Power line



Autoclave box

ULTRASURGERY handpiece: Cable and handpiece can be autoclaved together.

Spare parts for curing light



Old

New

Beveled Optical Fiber

- Easy to touch any part of teeth.
- Can radiate vertically at any angles.
- Solve the problem of weak light intensity when radiate vertically with old optical fiber.
- The light intensity is 40% higher than old optical fiber on certain spot when radiate vertically.



Optical fiber
Black and white optional
Can be autoclaved under high temperature and high pressure
1#Dimensions: Φ8mm、Φ8mm / Φ5mm
2#Dimensions: Φ8mm
1#Applicable for: LED.B, LED.C, LED.D, LED.F, LED.G, LED.P
2#Applicable for: LED.H



Power supply
Power Input: AC100V-240V 50/60Hz
Power Output / Current: DC5.0V / 1.0A
Applicable for: LED.B, LED.C, LED.D, LED.F, LED.H



Battery
①:ICR18490A Battery Voltage: 3.7V Applicable for: LED.C
②:ICR18490B Battery Voltage: 3.7V Applicable for: LED.D
③:ICR18650A Battery Voltage: 3.7V Applicable for: LED.F
④:ICR18650B Battery Voltage: 3.7V Applicable for: LED.H
⑤:ICR18650C Battery Voltage: 3.7V Applicable for: LED.B



1# 2# 3#
Light hood



Lightmeter



Bathymeter



Bleaching fiber for LED.F



LED lamp 3W、5W



Glasses