



• Certified Management System
• EN ISO 9001
• EN ISO 13485

194 patents, 32 of them are patents of invention ·Exported to 119 countries



Far Ahead in Ultrasonic Scaler Production and Sales Globally
Leader of LED Curing Light Export Volume in China



Scan and Login website
for more information



CATALOGUE

**Global leader in ultrasonic scaler manufacturing enterprises,
owns 26841m² manufacturing and researching base.**



Company profile

Far Ahead in Ultrasonic Scaler Production and Sales Globally, Leader of LED Curing Light Export Volume in China.

GUILIN WOODPECKER MEDICAL INSTRUMENT CO., LTD has been focusing on researching, developing, selling dental equipments for 26 years. It's a world-leading level company in Dental industry.

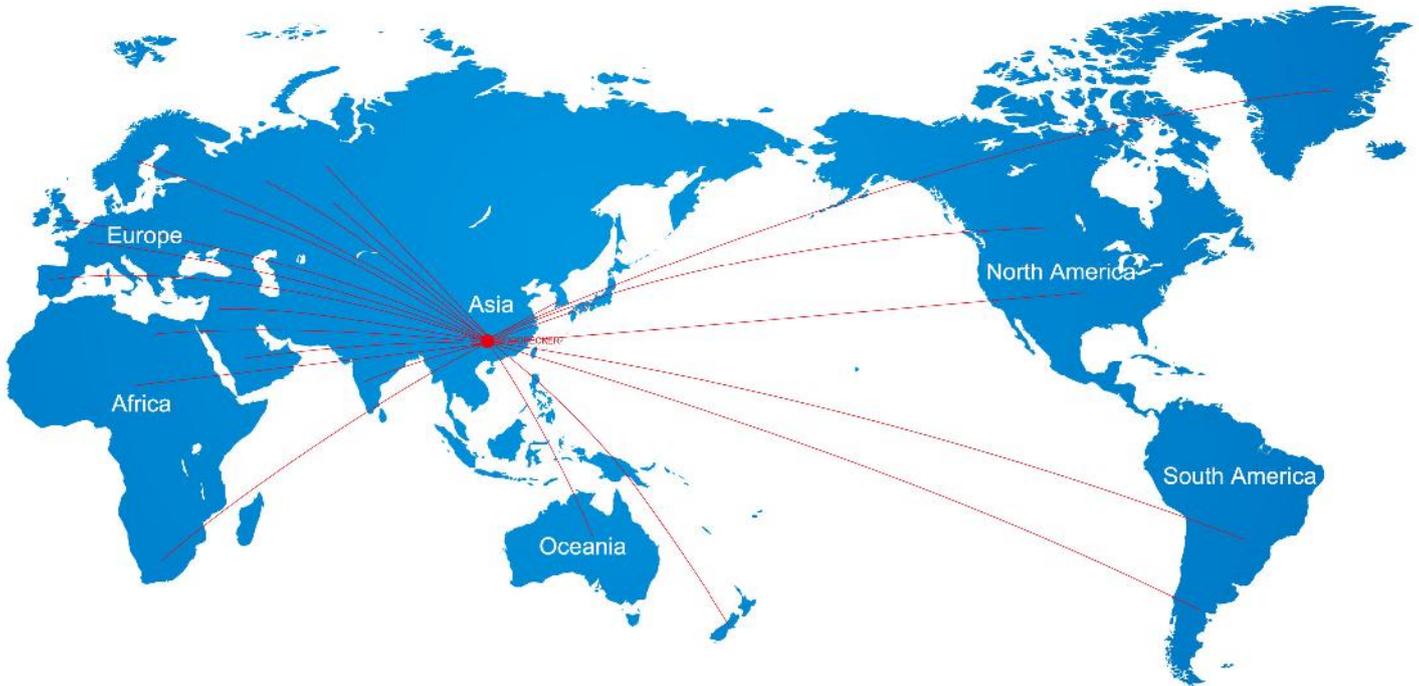
GUILIN WOODPECKER MEDICAL INSTRUMENT CO., LTD has a 26841m² R&D and manufacturing base in Guilin that owns an automatic CNC machining center and a professional laboratory which valued 16.83 million USD. And there are 80000m² more under construction. By 26 years hard working and experience accumulation, we have built-up an excellent R&D team, which includes 56 experienced technical experts and researchers. We have 194 patents, 32 invention patents. Our products have been certified the FDA of USA, CE certification from TÜV Rheinland Germany, EN ISO 13485:2012/AC2012 & ISO 9001:2008.

GUILIN WOODPECKER MEDICAL INSTRUMENT CO., LTD has two registered brands: WOODPECKER, DTE. The main products take more than 85% market share in China and are exported to 119 countries, such as USA, EU, Russia, Brazil, South Korea, India, etc.



• Certified Management System
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Woodpecker products have been exported to 119 countries around the world



Europe 38 countries

Germany	Czech	Greece	Estonia
United Kingdom	Sweden	Denmark	Albania
France	Slovenia	Holland	Macedonia
Spain	Slovakia	Ireland	Moldova
Italy	Serbia	Ukraine	Lithuania
Russia	Croatia	Hungary	Kosovo
Switzerland	Belarus	Australia	Iceland
Poland	Romania	Belgium	Norway
Portugal	Bulgaria	Finland	
Luxembourg	Malta	Latvia	

Asia 43 countries

Japan	Afghanistan	Israel	Azerbaijan
South Korea	Nepal	Iran	Syria
India	Bangladesh	Saudi	Jordan
Indonesia	Mongolia	Qatar	Georgia
Singapore	Kazakhstan	Oman	Cambodia
Philippines	Turkmenistan	UAE	Armenia
Thailand	Kyrgyzstan	Iraq	Cyprus
Malaysia	Uzbekistan	Pakistan	Sri Lanka
Burma	Palestine	Yemen	Kuwait
Laos	Tajikistan	Lebanon	Maldives
Vietnam		Turkey	Bahrain

America 20 countries

USA
Canada
Mexico
Brazil
Argentina
Chile
Peru
Venezuela
Columbia
Dominica

Salvador
Bolivia
Guatemala
Uruguay
Ecuador
Panama
Nicaragua
Honduras
Paraguay
Puerto Rico

Africa 16 countries

Egypt
Morocco
South Africa
Sudan
Tunisia
Libya
Nigeria
Kenya
Zimbabwe
Algeria
Madagascar
Mauritius
Ghana
Burkina Faso
Senegal
Reunion

Oceania 2 countries

Australia
New Zealand

Official agents of domestic market



Harm of fake products

 and  are two brands of Guilin Woodpecker medical instrument company. Recently, growing fake ultrasonic scaler handpieces, tips and curing lights are produced and sold on the market, which do harm to users' interest. On this issue, We 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 losing 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.

How to check Authenticity



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

26 years professional manufacturer
High quality, durable, continuously innovative

Achievement of innovation

> Innovation is the key for Woodpecker to be the leader. We have 194 patents, 32 of which are invention patent.

R&D team

> Constituted of 9 teams specializing on each products in Woodpecker. Woodpecker now has 52 professional engineers focusing on researching and developing of new technic in dental industry. And our target is to satisfy our customers by innovative and safe products.

Woodpecker R & D center's structure



Advanced production equipment



Advanced equipment ensures high standards quality



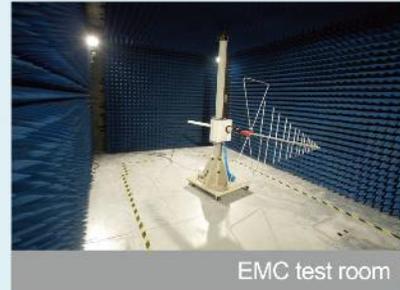
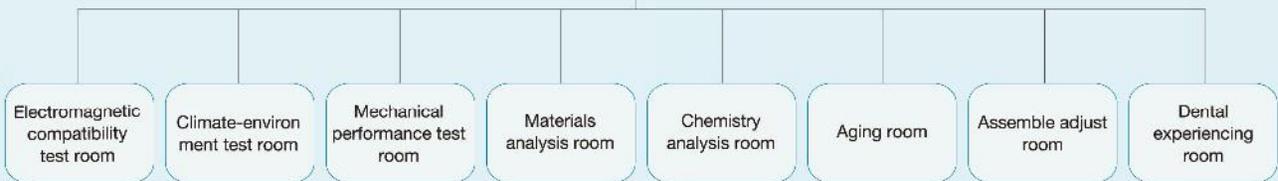
> Invest **11.33 million USD** to construct the CNC center

- Covering an area of 1500 square meters
- Automatic processing equipment original from Japan

The world leading laboratory

- > With an area of 1280m², valued 5.5 million USD, Woodpecker's laboratory is equipped with advanced equipment imported from Germany, America, Japan.
- > All products have been tested strictly before launching into the market, ensuring safety and reliability.
- > Products' quality, material safety and transportation safety are all tested at the 8 testing rooms of Woodpecker laboratory.

Laboratory of center's structure



Woodpecker's continuous improvement, striving for excellence

- > Standard operation. All staff take part in the improvement of producing technics and producing course, and handed in 632 pieces of rational proposals in 2013.
- > Strict quality control on every aspect of production prevents defective product outflow.
- > Lean production highly improved the production efficiency and shorten the lead time.
- > The paperless office, saving paper.

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Apex Locator



DTE technical experts, 12 years of painstaking research
**Selling well in 31 countries of Europe,
95 countries worldwide.**
**The most accurate Apex Locator in China.
13 patents**

Accuracy >

- Adopting latest multi frequency apical positioning technology, avoid the influence of subjective factors for measurement results.
- Measuring results are not affected by the tooth type or root canal internal environment.

Reliability >

- Real time display the moving of file in the root canal.
- Unique amplification display for the apex area.

Safety >

- Reduce X ray radiation.
- Avoid overfilling or underfilling.

Accuracy comparison between DTE and Japanese S brand

Method: Divide 327 patients of pulpitis or periapical periodontitis into 2 groups: Measure the length of root canal with apex locator only, then combine with X ray film to measure again, and finally compare the accuracy of the two groups.

Group	Quantity of root canal measured	Apex locator measuring result		Apex locator combine with X ray film measuring result	
		Quantity	Accuracy	Quantity	Accuracy
Japanese S brand	602	525	87.21%	579	96.18%
DTE	581	492	84.68%	544	93.63%

Literature Cited : Lijun Wen, Yuanpin Gu. Comparison between Root ZX and Woodpex I used in root canal therapy.

The defect of traditional measurement method

Disadvantage of handing method

- Based on hand feeling and patient's pain, dentists decide whether the measuring tool reaches apical foramen, with high subjectivity and low accuracy. Foreign literature suggest that providing the range of error ± 0.5 mm , accuracy of handing method is only 42%.

Disadvantage of X ray film

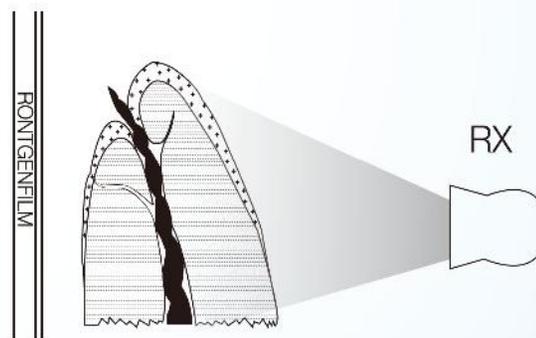
- 3D structure shooting at 2D plana, because of different angle, easily getting wrong data.
- Apical foramen can't be shown in the X ray film, for over 80% apical foramens are in the side edge instead of apex.



X ray film shows under-filling



Actually it is over-filling



The apical foramen is in the side edge, X ray shooting cause error length, the greater error, more serious over-filling

Comparison of spare parts quantity

Spare parts	Quantity			
	Japanese S brand	American D brand	German V brand	Woodpecker
File clip	3	2	2	4
Measuring file	0	2	1	2
Tester	1	0	1	1
Lip hook	5	2	2	2
Measuring wire	1	1	1	1

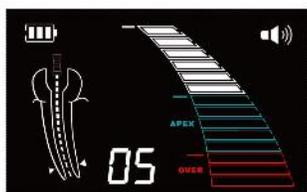
Apex Locator

DPEX III New!

- LCD screen, the trajectory of the file can be clearly shown with different color.
- Advanced multiple frequency technology, automatic calibrating ensures the accurate of the measurements.
- Autoclavable file clip, lip hook, measuring file. Effectively avoiding cross infection.
- Foldable, adjustable viewing angle.

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

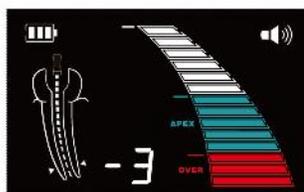
Industrial design patent No.:201130378913.4



When the file reaches the front region of the apical foramen, the black bars displayed.



When the file reaches the position nearby the apical foramen, the green bars displayed.



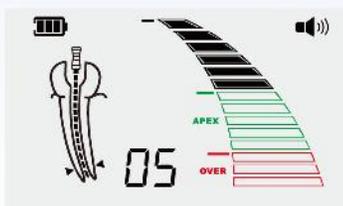
When the file exceed the apical foramen, the red bars display with a continuous beep sound.

DPEX I

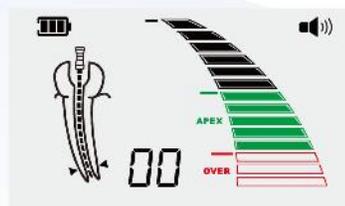
- LCD screen, the trajectory of the file can be clearly shown with different color.
- Advanced multiple frequency technology, automatic calibrating ensures the accurate of the measurements.
- Autoclavable file clip, file hook, file probe. Effectively avoiding cross infection.
- Different beep sounds remind the position of the file in the root-canal.

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

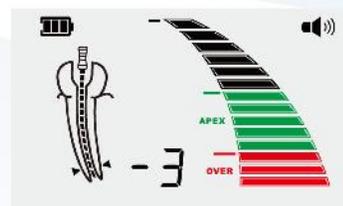
Industrial design patent No.: CN 201130378728.5



When the file reaches the front region of the apical foramen, the black bars displayed.



When the file reaches the position nearby the apical foramen, the green bars displayed.

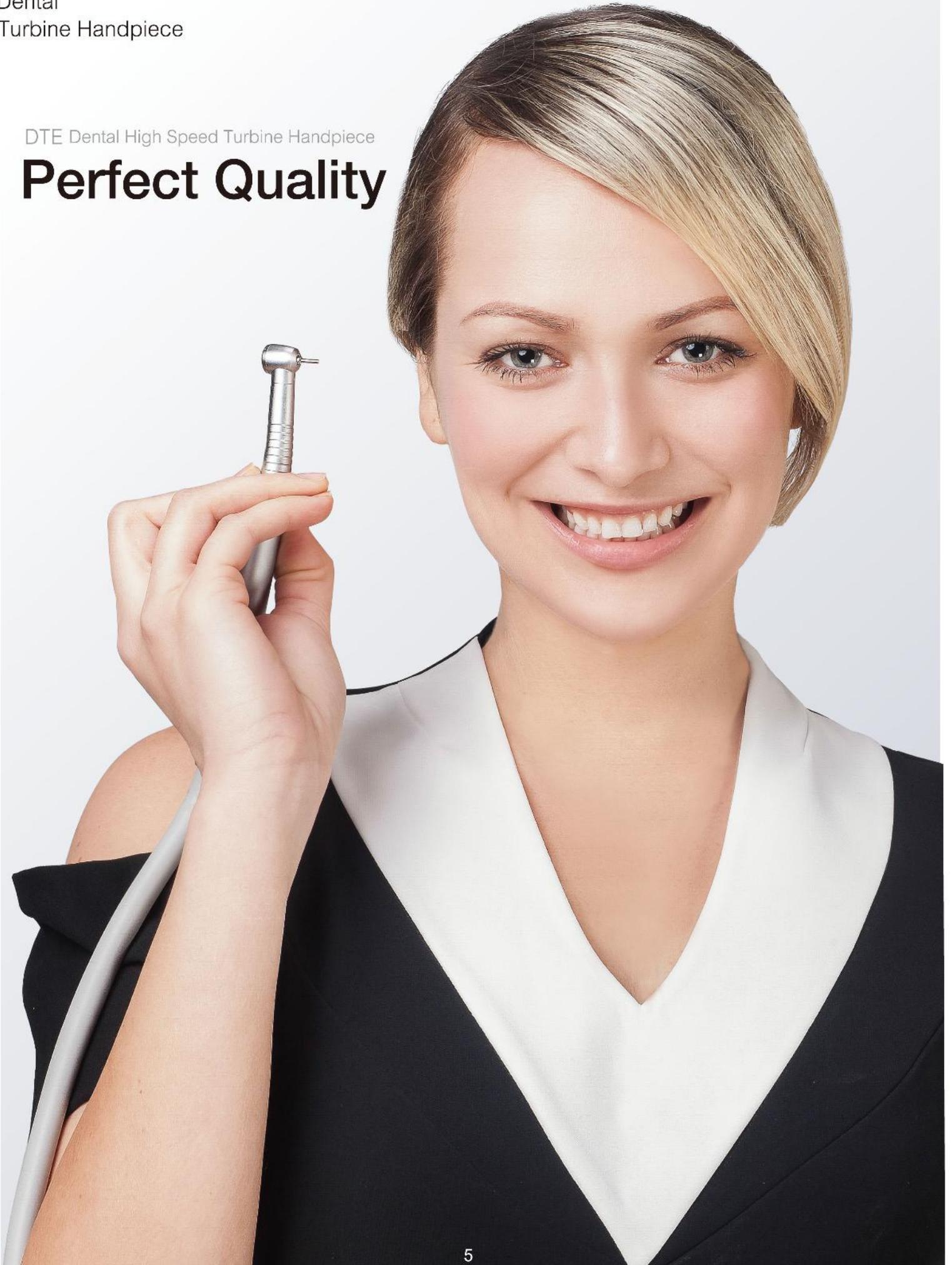


When the file exceed the apical foramen, the red bars display with a continuous beep sound.

Dental
Turbine Handpiece

DTE Dental High Speed Turbine Handpiece

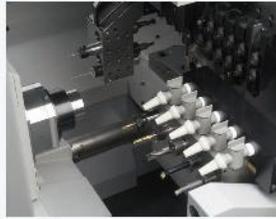
Perfect Quality



Perfect Quality

- > CNC center which values 11.33 million USD, to ensure our products quality.
- > Every cartridge has been tested by Balancing Machine, working stably.

Delicate Manufacture



CNC imported from Japan

Lean Assembly



Balancing Machine
imported from Germany



Dustless Constant
Temperature Workshop



Press machine
imported from Germany

Quality Control



Direct Spectrometer imported
from Germany



Roundness Measuring
Equipment imported from Japan



Surface Roughness Tester
imported from Japan



Micro Hardness Tester
imported from Japan



Tachometer Imported
from Japan



Noisemeter from Taiwan



Dental Turbine Handpiece



Model	HL11-M4/B2	HP11-M4/B2	HL13-M4/B2	HP13-M4/B2
Type	Standard Wrench	Standard Push button	Super torque	Super torque push button
Characteristics	<ul style="list-style-type: none"> > Cartridge for more convenient maintenance > Imported bearing(Optional) 	<ul style="list-style-type: none"> >Maximum torque among same product > Improved anti-retraction system, avoid cross infection > The load on the bur is higher, the grip force is bigger > Imported bearing(Optional) 	<ul style="list-style-type: none"> > Super torque, up to power output > Cartridge for more convenient maintenance > Imported bearing(Optional) 	<ul style="list-style-type: none"> > Super torque, up to power output > Imported cartridge > High precision gripping system, the grip force is more than 35 N, safe and reliable
Air pressure	0.18-0.22MPa	0.18-0.22MPa	0.25-0.27MPa	0.25-0.27MPa
Water pressure	0.2MPa (2.0bar)	0.2MPa (2.0bar)	0.2MPa (2.0bar)	0.2MPa (2.0bar)
Rotation speed	370,000~430,000rpm	350,000~430,000rpm	300,000~400,000rpm	300,000~400,000rpm
Head height	13.2mm	13.7mm	13.0mm	13.2mm
Head diameter	Φ11.3mm	Φ10.5mm	Φ13.1mm	Φ12.5mm
Noise	<70dB	<70dB	<70dB	<70dB



M4

B2

Ultrasonic Scaler

Far Ahead in Ultrasonic Scaler Production and Sales Globally

26 years focusing on technological innovation, leading brand for Scaler in the world

Woodpecker Scaler has 82 patents, 12 invention patents

More than one million dentists worldwide choose Woodpecker Scaler

Efficient ✧

Intelligent power output

The best working condition of tip

Higher efficiency

Stable ✧

Accurate automatic feedback control

Constant power output

Stable performance

Comfortable ✧

Soft cleaning without pain

Patients feel more comfortable



Ultrasonic Scaler

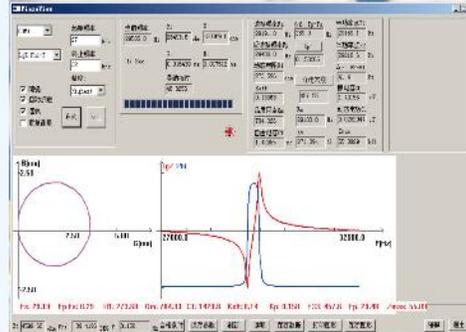
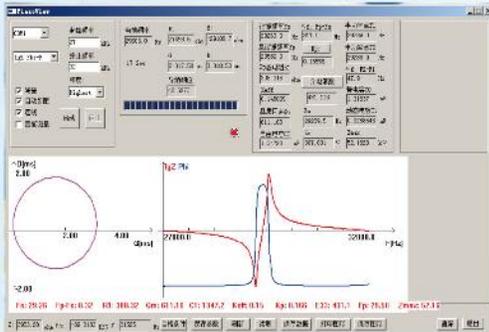
High quality handpiece

1. Shell of the handpiece is made of special imported plastic from America, which can be autoclaved under high temperature and pressure without cracking or deformation.
2. Original handpiece sealing technique, reliable and durable.
3. Ergonomics design, more comfortable in use.

Perfect compatibility

Woodpecker: resonant frequency 29.263kHz

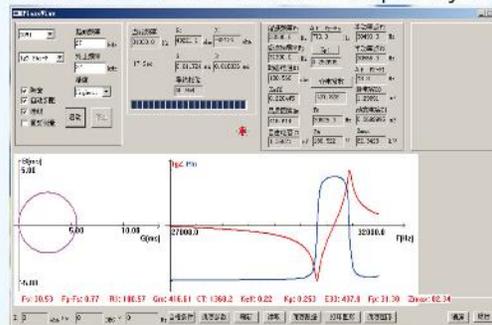
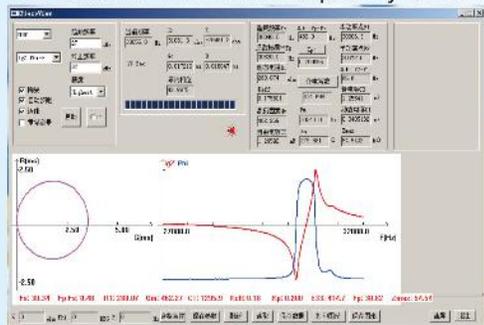
Swiss brand E: resonant frequency 29.191kHz



Technical data of Woodpecker detachable handpiece and Swiss brand E handpiece is the same. Handpiece of both brand can be exchanged perfectly.

DTE brand: resonant frequency 30.340 kHz

French brand S: resonant frequency 30.530 kHz

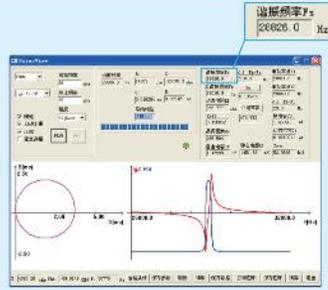


Technical data of DTE detachable handpiece and French brand S handpiece is the same. Handpiece of both brand can be exchanged perfectly.

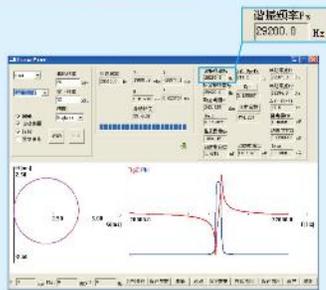


Perfect compatibility of tip

The working frequency range of E brand scaler is <math>< 32000\text{Hz}</math>

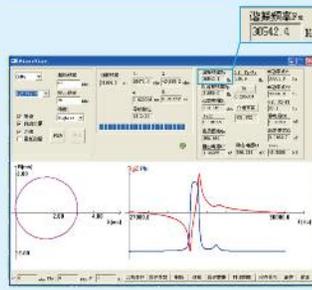


The working frequency of Woodpecker tip working on E brand scaler

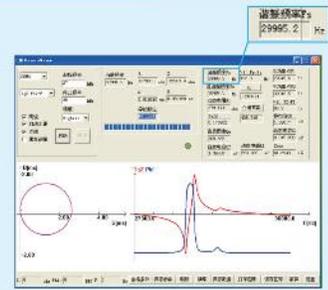


The working frequency of E brand tip working on E brand scaler

The working frequency range of S brand scaler is 28000Hz~36000Hz



The working frequency of DTE tip working on S brand scaler



The working frequency of S brand tip working on S brand scaler

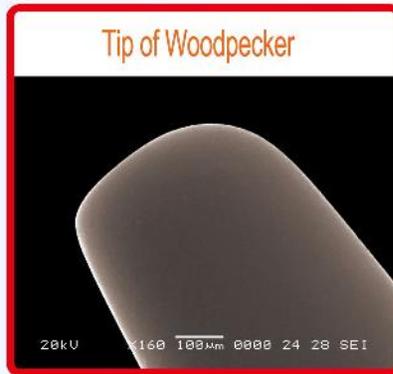
The working condition for Woodpecker tip on E brand scaler is perfect

The working condition for DTE tip on S brand scaler is perfect

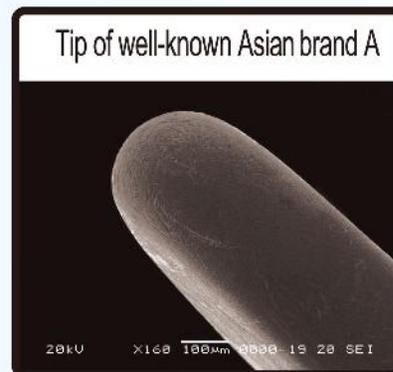
Smooth tip, without injury on the teeth

Selecting high-qualified medical materials which is durable and wear-resistant, adopting most advanced laser drilling technology, undergoing

35 strict production processes and **5** quality inspections.



160 times enlarge



Ultrasonic Scaler

D7 LED

Scaling	Perio	Endo	Handpiece with Light	Auto-water supply
✓	✓	✓	✓	✓

- Clinical solutions are applicable for automatic water supply mode, improving the performance of perio and endo function dramatically.
- Detachable handpiece with light, better visibility, autoclavable.
- Accurate feedback control and constant power output, ensure a more comfortable feeling to patients.

Power input	110V~ 50Hz/60Hz 220 - 240V~ 50Hz/60Hz
Main unit input	24V~ 50Hz/60Hz 1.3A
Output power	3W~20W
Frequency	28kHz±3kHz
Main unit weight	1.17kg
Transformer weight	1kg
Dimensions	241mm×193mm×97mm

Industrial design patent No.: CN 200830300434.9



D5 LED

Scaling	Perio	Endo	Handpiece with Light	Auto-water supply
✓	✓	✓	✓	✗

- Four colours optional.
- Handpiece with a new technology, patients feel more comfortable.
- Accurate feedback control and constant power output, ensure a more comfortable feeling to patients.

Power input	110V~ 50Hz/60Hz
	220 - 240V~ 50Hz/60Hz
Main unit input	24V~ 50Hz/60Hz 1.3A
Output power	3W to 20W
Frequency	28kHz±3kHz
Water pressure	0.1bar to 5bar (0.01MPa to 0.5MPa)
Main unit weight	0.65kg
Transformer weight	1kg
Dimensions	188mm×159mm×81mm

Industrial design patent No.:
CN 200830300446.1



D2 LED *New!*

Scaling	Perio	Endo	Handpiece with Light	Auto-water supply
✓	✓	✗	✓	✗

- The handpiece sleeve can be autoclaved.
- Automatically search the best working frequency.
- Accurate feedback control and constant power output, ensure a more comfortable feeling to patients.
- Built-in power source, easy to install.

Power input	110V~ 50Hz/60Hz
	220 - 240V~ 50Hz/60Hz
Output power	3W~20W
Frequency	28kHz±3kHz
Water pressure	0.1bar~5bar (0.01MPa~0.5MPa)
Main unit weight	1.56kg
Dimensions	227mm×158mm×75mm

Industrial design patent No.:
CN 201230465752.7



Ultrasonic Scaler

D3 LED

Scaling	Perio	Endo	Handpiece with Light	Auto-water supply
✓	✓	✗	✓	✗

- Automatic frequency tracking.
- Accurate feedback control and constant power output, ensure a more comfortable feeling to patients.

Power input	110V~ 50Hz/60Hz 220 - 240V~ 50Hz/60Hz
Main unit input	24V~ 50Hz/60Hz 1.3A
Output power	3W to 20W
Frequency	28kHz±3kHz
Water pressure	0.1bar to 5bar (0.01MPa to 0.5MPa)
Main unit weight	0.66kg
Transformer weight	1kg
Dimensions	198mm×134mm×80mm

Industrial design patent No.:
CN 200830300447.6



D1

Scaling	Perio	Endo	Handpiece with Light	Auto-water supply
✓	✓	✗	✗	✗

- Two colours optional.
- Sealed handpiece.
- Automatic frequency tracking.
- Automatically search the best working frequency.
- Accurate feedback control and constant power output, ensure a more comfortable feeling to patients.

Power input	110V~ 50Hz/60Hz 220-240V~ 50Hz/60Hz
Main unit input	24V~ 50Hz/60Hz 1.3A
Output power	3W to 20W
Frequency	28kHz±3kHz
Water pressure	0.1bar to 5bar (0.01MPa to 0.5MPa)
Main unit weight	0.62kg
Transformer weight	1kg
Dimensions	203mm×138mm×94mm

Industrial design patent No.:
CN 200830300433.4



Built-in scaler *Special design for dental unit!*

Ultrasonic Scaler



V3 LED

- Detachable handpiece with light, autoclavable.
- Scaling, endo function.
- Automatic frequency tracking.
- Accurate feedback control and constant power output, ensure a more comfortable feeling to patients.

Main unit input	24V~50Hz/60Hz 1.3A
Output power	3W~20W
Frequency	28kHz±3kHz
Water pressure	0.1bar~5bar (0.01MPa~0.5MPa)
Main unit weight	0.2kg
Dimensions	74mm×56mm×38mm



V3 LED

(Detachable handpiece HD-7L)

V3

(Detachable handpiece HD-7H)



V2 LED

- Detachable handpiece with light, autoclavable.
- Automatic frequency tracking.
- Accurate feedback control and constant power output, ensure a more comfortable feeling to patients.

Main unit input	24V~50Hz/60Hz 1.3A
Output power	3W to 20W
Frequency	28kHz±3kHz
Water pressure	0.1bar to 5bar (0.01MPa to 0.5MPa)
Main unit weight	0.2kg
Dimensions	74mm×56mm×38mm



V2 LED

(Detachable handpiece HD-7L)

V2

(Detachable handpiece HD-7H)



V1

- Sealed handpiece.
- Automatic frequency tracking.
- Accurate feedback control and constant power output, ensure a more comfortable feeling to patients.

Main unit input	24V~50Hz/60Hz 1.3A
Output power	3W to 20W
Frequency	28kHz±3kHz
Water pressure	0.1bar to 5bar (0.01MPa to 0.5MPa)
Main unit weight	0.2kg
Dimensions	74mm×56mm×38mm



V1

(Sealed handpiece HD-1)

Curing light

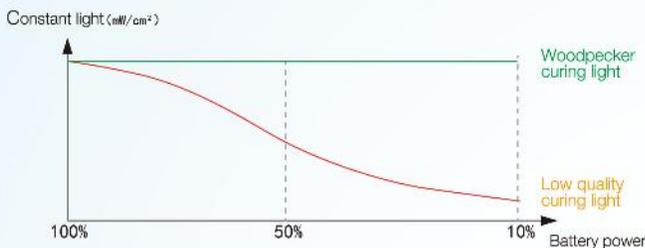
Pioneer in China, Expert in LED curing light !

12 years professional technology, **37** patents,
Global sales over 500,000 units !

Advantages of DTE Curing Light

1.Constant light

- ✓ 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



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

2.Battery

- ✓ Woodpecker lithium battery with CB certification, more reliable, no explosion
- ✗ Batteries on the market without sound charge management, easily cause explosion under high temperature, 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**.

3.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.



4.Optical fiber

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

LUX E *New!*



Pedestal
Light intensity indicator and
light intensity measure point



- 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.

Power input	AC100V to 240V 50Hz/60Hz
Light output	1000mW/cm ² -1200mW/cm ²
Net weight	147g
Dimensions	260mm×40mm×50mm

Industrial design patent No.:CN 200930321063.7

LUX VI *New!*



Optional colors

- 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.

Power input	AC100V to 240V 50Hz/60 Hz
Light output	1000mW/cm ² -1200mW/cm ²
Net weight	100g
Dimensions	234mm×26mm×26mm

Industrial design patent No.: CN 201230421494.2

Curing light



LUX I *New!*

- 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.

Power input	AC100V to 240V 50Hz/60Hz
Light output	850mW/cm ² -1000mW/cm ²
Net weight	230g
Dimensions	79.5mm×79.5mm×261mm

Industrial design patent No.:CN 201230045664.1



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.

Power input	AC100V to 240V 50Hz/60 Hz
Light output	1000mW/cm ² -1200mW/cm ²
Net weight	85g
Dimensions	263mm×31mm×23.5mm

Industrial design patent No.:CN 201130028451.3



More powerful than you think.

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.

 Three 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



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



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

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



Supragingival scaling



Supragingival scaling



Supragingival scaling



Supragingival scaling



Supragingival scaling



Supragingival scaling



Remove dental crown



Remove dental pile, with irrigation



Supragingival scaling



Supragingival scaling



Orthodontic treatment

Periodontics



Periodontal scaling



Periodontal scaling



Periodontal scaling



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



Periodontal scaling



Periodontal scaling



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



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

Cavity preparation



Removing the caries on occlusal surface of teeth and dental neck



Removing the caries on Mesial surface of the adjacent teeth



Removing the caries on Distal surface of the adjacent teeth



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



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

Endodontics

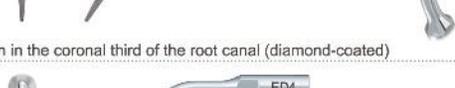
ED1  120° angle holder, for root canal cleaning

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)

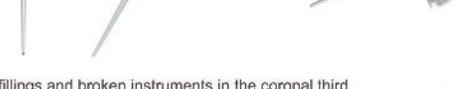
ED4  Remove obstructions and broken instruments in the root canal

ED4D  For retreatments 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

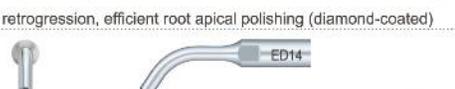
ED9  Burs holder, used to expand root canal and grind teeth

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)

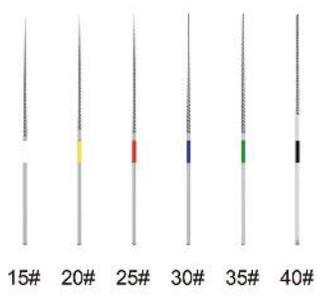
ED14  Remove obstructions and broken instruments in the root canal, with irrigation

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

Scaling



Supragingival scaling



Supragingival scaling



Supragingival scaling



Supragingival scaling



Supragingival scaling



Supragingival scaling



Remove dental crown



Remove dental pile, with irrigation



Supragingival scaling



Supragingival scaling

Endodontics



120° angle holder, for root canal cleaning



95° angle holder, for root canal cleaning



For the lateral thermal condensation of gutta-percha



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



Burs holder, used to expand root canal and grind teeth



Used for root canal softly treatment



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

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



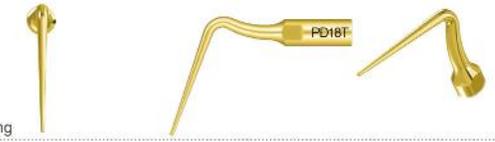
Periodontal scaling

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

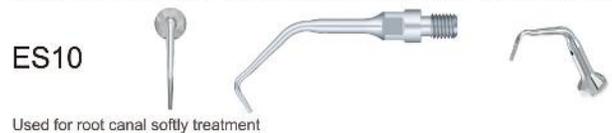
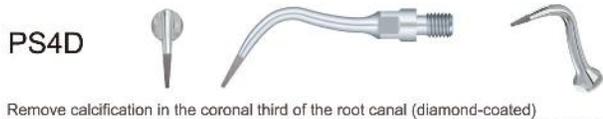
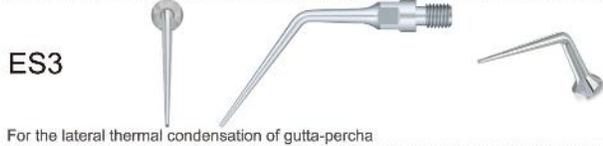


Periodontal scaling

Scaling (Used for SIRONA)



Endodontics (Used for SIRONA)



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

Handpiece for Ultrasonic scaler

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

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-4L Torque wrench
For DTE and SATELEC
scaler tips
TS-4L Torque wrench
For Sirona scaler tips
TK-4L Torque 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

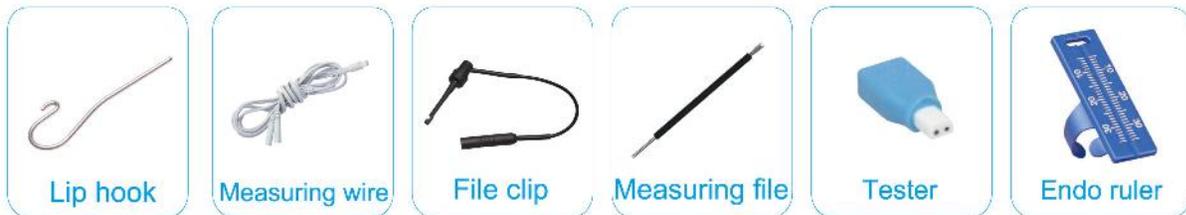


Diaphragm pump

Spare parts for dental turbine handpiece



Spare parts for apex locator



Spare parts for curing light



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Global Leader in Ultrasonic Scaler Manufacturing Enterprises



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