



**GUOTANG**  
HEALTH

EQUIPMENT'S CATALOG

**DENTAL**

ALL FOR YOUR SERVICE NEEDS!

# ALL FOR YOUR SERVICE NEEDS!

## ABOUT US

Guangzhou Guotang focus on dental equipment, dental consumable, oral care and teeth whitening products ,we has more than 10 years of experi-ence.

All products with international qual-ity standards, offer OEM&ODM with low MOQ. They are greatly apprecia-ted in variety of markets.

We have professional sales team andafter-sales service, provide products' design and packaging customizationservices, which can help customers grow quickly and expand the market.we hope establish long-term cooper-ative relationship with customers.



# 1:5 1:4.2 CONTRA ANGLE

## Increasing Speed Contra Angle

- Powerful , Quiet and Large Torque Cartidge
- Quattro Spray , Excellent Cooling Effect
- Anti-Retraction System
- Germany Bearing



▲ Non-fiber optic

▲ With fiber optic

German Bearing

German Steel Gear

High Transparent Fiber

SUS304 Body



Order NO:  
**KX95L-003**  
-Increasing Speed 1:4.2  
-With Fiber Optic  
-Push Button  
-FG Ø1.6



Order NO:  
**KX95L-001**  
-Increasing Speed 1:5  
-With Fiber Optic  
-Push Button  
-FG Ø1.6



Order NO:  
**NX403-002**  
-Increasing Speed 1:5  
-Non-Fiber Optic  
-Push Button  
-FG Ø1.6

## Technical Parameters

Product name	Increase speed contra angle
Maximum speed	200, 000 /min
Applicable bur	Ø1.59-Ø1.6mm
Working noise	<68dB
Body temperature	<20°C



## 20:1 IMPLANT CONTRA ANGLE

- 20:1 Reduction Contra Angle
- Germany Bearing
- Powerful, Quiet and Large Torque Cartridge
- Inner and External Channel Spray, Excellent Cooling Effect



Order NO.:  
**KX95L-004**  
 • 20:1 Speed Reduction  
 • With Fiber Optic  
 • Push Button  
 • CA Ø1.35



Order NO.:  
**NX403-005**  
 • 20:1 Speed Reduction  
 • Non-Fiber Optic  
 • Push Button  
 • CA Ø2.35



**NX403-TW**  
Torque Wrench



### Technical Parameters

Product name	Implant contra angle
Gear ratio	20: 1
Maximum torque	N≥65
Working noise	≤42dB
Water spraying mode	Internal and external flushing
Head size	w9.0mm/h13.3mm



## 4:1 INTERPOXIMAL CONTRA ANGLE



up an down movement

- 4:1 reduction contra angle
- Pressure is more even, more accurate
- Economy, security, efficiency.
- Replacement for manual type, time saving
- Can be sterilized with high pressure

Order NO.:  
**NX403-006**  
 • 4:1 Speed Reduction  
 • Non-Fiber Optic  
 • Rotation Speed: Max 10,000 RPM  
 • CA Ø2.35  
 • External Channel

## Interproximal enamel kit



Order NO.:  
**HP-L006S**  
 • 4:1 Speed Reduction  
 • Non-Fiber Optic  
 • Rotation Speed: Max 10,000 RPM  
 • CA Ø2.35  
 • External Channel



4:1 Reduction contra angle



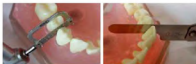
Gap measuring ruler  
 0.10mm 0.15mm 0.20mm 0.25mm  
 0.30mm 0.40mm 0.50mm



Carborundum blade



Push button for remove



1. Carborundum blade is stable and durable
2. It has a good compatibility with all kinds of handpiece
3. There are holes in the blade, which can effectively discharge the water and powder produced in the glaze.

Two side diamond (with hole)	15 μm	15HD	2p cs	For pre polishing
	25 μm	25HD	2p cs	For finishing
	40 μm	40HD	2p cs	For contouring
	60 μm	60HD	2 p cs	For reduction
	90 μm	90HD	2p cs	Use as saw for opening contacts

**1:1 10:1 20:1 64:1** ENDO CONTRA ANGLE



Fit to hand use files

Reciprocate movement, imitate manual operation



**10:1**

- Endo Contra Angle
- Replacement for manual type, time saving
- Speed max.4,000rpm
- Reciprocate movement, imitate manual operation

Order NO:  
**NX403-007**  
- 10:1 Speed Reduction  
- Non-Fiber Optic  
- Push Button  
- Hand use file  
- External Channel



**64:1**

Order NO:  
**NX403-008**  
- 64:1 Speed Reduction  
- Non-Fiber Optic  
- Push Button  
- CA Ø2.35  
- External Channel

Endo Contra Angle Head

**16:1**



Endo Contra Angle Head

**1:1**

Order NO:  
**NX403-009**  
- 16:1 Speed Reduction  
- Non-Fiber Optic  
- Rotation Speed: Max 40,000 RPM  
- CA Ø2.35  
- External Channel  
- Push Button



Order NO:  
**NX403-010**  
- 1:1 Speed  
- Non-Fiber Optic  
- Rotation Speed: Max 40,000 RPM  
- CA Ø2.35  
- External Channel  
- Push Button

# 1:1 CONTRA ANGLE

1:1 Inner Channel



SO THE QUALITY  
ORIGINALITY WORK



Order NO.:  
**KX95L-024CG**  
-1:1 Speed  
-With Fiber Optic  
-Push Button  
-FD Ø1.6  
-Inner Channel  
-Max Speed: 40,000 RPM



Order NO.:  
**KX95L-024C**  
-1:1 Speed  
-With Fiber Optic  
-Push Button  
-CA Ø2.35  
-Inner Channel  
-Max Speed: 40,000 RPM



Order NO.:  
**NX403-023CG**  
-1:1 Speed  
-Non-Fiber Optic  
-Push Button  
-FD Ø1.6  
-Inner Channel  
-Max Speed: 40,000 RPM



Order NO.:  
**NX403-023C**  
-1:1 Speed  
-Non-Fiber Optic  
-Push Button  
-CA Ø2.35  
-Inner Channel  
-Max Speed: 40,000 RPM

# 1:1 External



## 1:1 CONTRA ANGLE

These accessories are compatible with the original **NSK-fxser** ies series FX25m.  
Suitable for the **nsk-fxser** ies series Fx205m

Durable stainless steel body



Order NO.:  
**NK403-021WB**

- Non-Fiber Optic
- Wrench
- CA Ø32.35
- External Channel



Order NO.:  
**NK403-022PB**

- Non-Fiber Optic
- Push Button
- CA Ø32.35
- External Channel



Order NO.:  
**NK403-020C**

- 1:1 Speed
- Non-Fiber Optic
- Push Button
- CA Ø32.35
- External Channel
- Max Speed: 48,000 RPM
- Clean Head System
- Stainless Steel Body



Order NO.:  
**NK403-021CP**

- 1:1 Speed
- Non-Fiber Optic
- Push Button
- CA Ø32.35
- External Channel
- Max Speed: 48,000 RPM



Order NO.:  
**NK403-021C**

- 1:1 Speed
- Non-Fiber Optic
- Wrench
- CA Ø32.35
- External Channel
- Max Speed: 48,000 RPM



Order NO.:  
**NK403-022CP**

- 1:1 Speed
- Non-Fiber Optic
- Push Button
- CA Ø32.35
- External Channel
- Max Speed: 48,000 RPM



Order NO.:  
**NK403-022C**

- 1:1 Speed
- Non-Fiber Optic
- Wrench
- CA Ø32.35
- External Channel
- Max Speed: 48,000 RPM



# 1:1 STRAIGHT HEAD



The accessories are compatible with the original nsk-fxser ies series Fx65m. Suitable for the nsk-fxser ies series FX205m model M4/B2 motor.



With fiber optic



With fiber optic



Order NO:  
**NX403-023H**  
• 1:1 Speed  
• Non-Fiber Optic  
• CA Ø2.35  
• Inner Channel  
• Max Speed: 20,000 RPM



Order NO:  
**NX403-0024H**  
• 1:1 Speed  
• With Fiber Optic  
• CA Ø2.35  
• Inner Channel  
• Max Speed: 20,000 RPM



Order NO:  
**NK403-024HE**  
• 1:1 Speed  
• With Fiber Optic  
• CA Ø2.35  
• External Channel  
• Max Speed: 20,000 RPM



Order NO:  
**NK403-020H**  
• 1:1 Speed  
• Non-Fiber Optic  
• CA Ø2.35  
• External Channel  
• Max Speed: 20,000 RPM



Order NO:  
**NK403-022H**  
• 1:1 Speed  
• Non-Fiber Optic  
• CA Ø2.35  
• External Channel  
• Max Speed: 20,000 RPM



Order NO:  
**NK403-021H**  
• 1:1 Speed  
• Non-Fiber Optic  
• CA Ø2.35  
• External Channel  
• Max Speed: 20,000 RPM

# 1:1 AIR MOTOR



With Anti-Blocking Filter Water Purifier  
Can Adjust Water



## Air Motor Feature:

- ◆ The whole fuselage is made of stainless steel and imported ZVO bearing. Self-lubrication eccentric stator, imported material molding blades.
- ◆ Internal circulation cooling system, no vibration, no heat.
- ◆ Combined with the patent water filter structure to effectively prevent the internal watercourse water from clogging and other cooling problems.
- ◆ The whole market is equipped with all the low speed inner channel straightener/bender seamless connection.



6 hole

Order NO.:  
**KX95L-024A**  
-1:1 Speed  
-With Fiber Optic  
-Inner Channel  
-Max Speed: 20,000 RPM



2 hole 4 hole

Order NO.:  
**NX403-023A**  
-1:1 Speed  
-Non-Fiber Optic  
-External Channel  
-Max Speed: 20,000 RPM



2 hole 4 hole

Order NO.:  
**NK403-022A**  
-1:1 Speed  
-Non-Fiber Optic  
-External Channel  
-Max Speed: 20,000 RPM



2 hole 4 hole

Order NO.:  
**NK403-020A**  
-1:1 Speed  
-Non-Fiber Optic  
-External Channel  
-Max Speed: 20,000 RPM

# LOW SPEED HANDPIECE SET



- ◆ The whole fuselage is made of stainless steel, the machine head is integrated into the molding work, the fine workmanship is fine and perfect.
- ◆ The surface of human body mechanics surface, ultra - mute super torque.
- ◆ The internal circulation cooling, with the patented water filter structure, effectively prevent the internal watercourse, water and other cooling problems.



With fiber optic



Order NO.:  
**KX95L-024S**

- I:1 Speed
- With Fiber Optic
- Push Button
- CA 02.35
- Max Speed 42,000 RPM
- Inner Channel



Order NO.:  
**NX403-023S**

- I:1 Speed
- Non-Fiber Optic
- Push Button
- CA 02.35
- Max Speed 42,000 RPM
- Inner Channel



Order NO.:  
**NK403-020S**

- I:1 Speed
- Non-Fiber Optic
- Push Button
- CA 02.35
- Max Speed 42,000 RPM
- External Channel



Order NO.:  
**NK403-022S**

- I:1 Speed
- Non-Fiber Optic
- Wrench
- CA 02.35
- Max Speed 42,000 RPM
- External Channel



Order NO.:  
**NK403-021S**

- I:1 Speed
- Non-Fiber Optic
- Wrench
- CA 02.35
- Max Speed 42,000 RPM
- External Channel



**SURGICAL HANDPIECE**



Order NO.:  
**NK403-029CS**

- 1:1 Speed
- Non-Fiber Optic
- CA Ø2.35
- Max Speed 20,000 RPM
- External Channel

Order NO.:  
**NK403-029CM**

- 1:1 Speed
- Non-Fiber Optic
- CA Ø2.35
- Max Speed 20,000 RPM
- External Channel

Order NO.:  
**NK403-029CL**

- 1:1 Speed
- Non-Fiber Optic
- CA Ø2.35
- Max Speed 20,000 RPM
- External Channel

Order NO.:  
**NK403-029HL**

- 1:1 Speed
- Non-Fiber Optic
- CA Ø2.35
- Max Speed 20,000 RPM
- External Channel

Order NO.:  
**NK403-029HM**

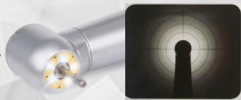
- 1:1 Speed
- Non-Fiber Optic
- CA Ø2.35
- Max Speed 20,000 RPM
- External Channel

## LED HANDPIECE WITH GENERATOR

# Generator

*Shadowless*  
*5 LED*

Self-sufficient power system instead of extra supply  
Clear view with day-light LED illumination  
Triple spray



 Order NO.: <b>X7-004SR</b>	<p><b>5 LED</b></p>  Shadowless	 Order NO.: <b>X7-004SPQ</b>	 Couplings 2 hole or 4 hole
 Order NO.: <b>X7-004SP</b>	 Standard	 Order NO.: <b>X7-004SP</b>	<ul style="list-style-type: none"> <li>-LED Handpiece With Generator</li> <li>-5 LED</li> <li>-Shadowless</li> <li>-FG 2H/S</li> <li>-Push Button</li> <li>-Speed: 2 360,000 RPM</li> </ul>
 Order NO.: <b>K1-005SR</b>	 Standard	 Order NO.: <b>K1-005SP</b>	<ul style="list-style-type: none"> <li>-LED Handpiece With Generator</li> <li>-1 LED</li> <li>-Single Spray</li> <li>-FG 2H/S</li> <li>-Push Button</li> <li>-Speed: 2 360,000 RPM</li> </ul>
 Order NO.: <b>K1-005TR</b>	 Big Torque	 Order NO.: <b>K1-005TP</b>	 Couplings 2 hole or 4 hole
 Order NO.: <b>K1-005MR</b>	 Mini Head	 Order NO.: <b>K1-005MP</b>	<ul style="list-style-type: none"> <li>-LED Handpiece With Generator</li> <li>-1 LED</li> <li>-4 Springs</li> <li>-FG 2H/S</li> <li>-Push Button</li> <li>-Speed: 2 360,000 RPM</li> </ul>

# ANTI-RETRACTION HANDPIECE

## Generator POWERFUL

### Anti-retraction hanpiece

**LED**



With Anti-Blocking Filter Water Purifier  
To Control Water



Order NO:  
**K1-005SRM**

Standard



Order NO:  
**K1-005TRM**

Big Torque

Compatible with NSK® Pana Max.

- LED Handpiece With Generator
- Anti-Retraction
- 3 Spray, 1 LED
- FG Ø1.6
- Push Button
- Speed: 2,300,000 RPM



Order NO:  
**K1-005SPM**



Order NO:  
**K1-005TPM**



Order NO:  
**N8-005SPMQ**



Order NO:  
**N8-005TPMQ**



Couplings



Order NO:  
**N5-005FR**

Standard



Order NO:  
**N5-005SPF**

- LED Handpiece With Generator
- Anti-Retraction
- 4 Sprays, 1 LED
- FG Ø1.6
- Push Button, Standard
- Speed: 2,300,000 RPM

# FIBER OPTIC HANDPIECE

## Fiber Optic

Fit into NSK®



With Anti-Blocking Filter Water Purifier  
To Control Water  
Compatible with NSK



Anti-Retraction System



Compatible with NSK®



Order NO.:  
K9-006SRN

Standard



Order NO.:  
K9-006TSN

Big Torque



Order NO.:  
K9-006SPQN



Order NO.:  
K9-006TPQN

- With Fiber Optic
- Anti-Retraction
- 4 Sprays, 4 Air
- FD Ø1.6
- Push Button
- Speed: ≥ 308,000 RPM



LED

Order NO.:  
K9-006N6



6 hole



Order NO.:  
K9-006N4



4 hole



LED Generator

Order NO.:  
K9-006N4G



4 hole

Germany Bearing

SUS304 Body



Anti-Retraction

- Working Pressure: 0.22~0.25 MPA
- Speed: 360,000~380,000 RPM
- Noise: ≤58 DB
- Bur Applicable: Ø1.6 MM, 19~21 MM
- Head Size: Standard Head(11.3XH12.6MM)

4 way spray, 4 air



# Fiber Optic

Fit into KaVo®

- 1-Four holes cooling atomization, four hole blowdown, anti-back suction.
- 2-The original press and kavo-8000b press the mobile phone core.
- 3-Using 2.78 ceramic bearings, the operation is more smooth and stable, and the service life is twice as long as that of ordinary bearings.



Order NO:  
**K9-006SRK**

**Standard**



Order NO:  
**K9-006SPQK**



Order NO:  
**K9-006BRK**

**Big Torque**



Order NO:  
**K9-006TPQK**



Order NO:  
**K9-006MRK**

**Mini Head**



Order NO:  
**K9-006MPQK**



Order NO:  
**K9-006MFRK**

**Mini Head 45°**



Order NO:  
**K9-006MFQK**



**LED** Fit into KaVo®

Order NO:  
**K9-006K4**

6 hole



**LED** Fit into KaVo®

Order NO:  
**K9-006K4G**

6 hole



**LED** Fit into KaVo®

**Generator**

Order NO:  
**K9-006K6**

4 hole



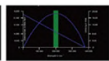
**LED** Fit into KaVo®

**Generator**

Order NO:  
**K9-006K2**

2 hole

- With Fiber Optic
- Anti-Retractor
- 4 Spines, 4 Air
- FG Q16
- Push Button
- Speed: 2,300,000 RPM





## COLOR HANDPIECE

### Colors Clean Head



- 1-the special clean head designed to avoid the entry of oral fluids and other impurity into handpiece head.
2. Avoiding cross-infection.
3. Color body.
4. Compatible with NSK® Pana Max.
5. Single water spray more three air spray.



Single water spray, three air spray, the cartridge can be compatible with NSK Pana MAX



**Clean Head**  
The special clean head to avoiding cross-infection



**FIT IN PAX-SU03**  
Standard Head  
Order NO: **K1-003SR**



**FIT IN PAX-TU03**  
Big Torque Head  
Order NO: **K1-003TR**

	 Standard head Order code:	 Max head Order code:	
	K1-003SBE	K1-003TBE	 2 hole or  4 hole
	K1-003SRD	K1-003TRD	
	K1-003YW	K1-003TYW	
	K1-003SPE	K1-003TPE	
	K1-003SBK	K1-003TBK	

# CLEAN HEAD HANDPIECE



## ANTI-RETRACTION

FOR **NSK**

- 1-the special clean head designed to avoid the entry of oral fluids and other impurity into handpiece head.
- 2.Avoiding cross-infection.
- 3.Compatible with NSK® Pana Max.



with NSK PanaMax



Health more at ease



Special antisuction device



FIT IN PAX-SU03

Order NO.:

**K1-002SM1R**



FIT IN PAX-TU03

Order NO.:

**K1-002TM1R**



FIT IN NPA-TU03

Order NO.:

**K1-002SM2R**



FIT IN NMC-SU03

Order NO.:

**K1-002SR3**



FIT IN NMC-TU03

Order NO.:

**K1-002TR3**



FIT IN NMC-TU03

Order NO.:

**K1-002SR4T**



Standard Head

Order NO.:

**K1-002SM1**

Erg Torque Head

Order NO.:

**K1-002TM1**

- Anti-Retraction
- 1 Spray, 3 Air
- FG Ø1.6
- Push Button
- Speed: 2,300,000 RPM



Standard Head

Order NO.:

**N8-002SM1Q**

Erg Torque Head

Order NO.:

**N8-002TM1Q**

Couplings



Standard Head

Order NO.:

**K1-002SM2**

- Anti-Retraction
- 1 Spray, 1 Air
- FG Ø1.6
- Push Button
- Speed: 2,300,000 RPM



Standard Head

Order NO.:

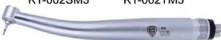
**K1-002SM3**

Erg Torque Head

Order NO.:

**K1-002TM3**

- Anti-Retraction
- 1 Spray, 1 Air
- FG Ø1.6
- Push Button
- Speed: 2,300,000 RPM



Standard Head

Order NO.:

**K1-002SM4**

- Anti-Retraction
- 4 Sprays, 4 Air
- FG Ø1.6
- Push Button
- Speed: 2,300,000 RPM



## CLASSIC HANDPIECE



Reasonable price

Stable quality status

Air pressure controlled system  
to protect the life span of handpiece

Single Water Spray  
Handpiece



2 hole or 4 hole

Compatible with NSK® Pana Air



FIT IN NPA-023

Order NO.:  
**X3-002RS**



Order NO.:

**K1-001S**

- 1 Spray, 1 Air
- FG Ø1.6
- Push, Standard Head
- Speed: ≥ 300,000 RPM



FIT IN NPA-103

Order NO.:  
**X3-001RT**



Order NO.:

**K1-001T**

- 1 Spray, 1 Air
- FG Ø1.6
- Push Button, Big Torque
- Speed: ≥ 300,000 RPM



FIT IN NPA-5U03

Order NO.:  
**K1-001RSP**



Order NO.:

**K1-001SP**

- 1 Spray, 1 Air
- FG Ø1.6
- Push Button, Standard Head
- Speed: ≥ 300,000 RPM



FIT IN NPA-TU03

Order NO.:  
**K1-001RTP**



Order NO.:

**K1-001TP**

- 1 Spray, 1 Air
- FG Ø1.6
- Push Button, Big Torque
- Speed: ≥ 300,000 RPM

- Working Pressure: 0.22-0.25 Mpa
- Speed: 300,000-320,000 RPM
- Noise: ≤ 68 dB
- Bur: Ø 1.6MM

**PORTABLE TYPE  
DENTAL  
ELECTRIC MOTOR**

Order NO:  
**HP-PEM**



- Control System: Vector Control System
- Motor Type: DC Brushless Motor
- Max Torque: 3.4 Ncm
- Input Power: DC 24 V
- The Motor Size:  $\phi 22 \times L 71$  MM
- Weight: 67 G
- Noise: < 60 dB
- LED: White Light
- Controller Size: L150 x W280 x H55 MM
- The Total Weight: 250 G



100	1,800	2,000	2,500	13,000	43,000	200,000
16:1	100~2,500rpm					
1:1			2,000~40,000min <sup>-1</sup>			
1:5					10,000~200,000rpm	

**Feature:**

- ◆Use brushless motor, super mute, stable load stability, small volume, simple operation
- ◆Perfect equipped with various famous brands 1:5/1:1/16:1 speed or constant speed type

Option:

+ NLX nano **LED**



▼ 1:5



Maximum speed:  
200,000  
 $\phi 1.59 \sim \phi 1.60$ mm

▼ 1:1



40,000  
 $\phi 2.35$ mm

▼ 1:1



40,000  
 $\phi 1.59 \sim \phi 1.60$ mm

▼ 1:4.2



168,000  
 $\phi 1.59 \sim \phi 1.60$ mm

▼ 1:1



40,000  
 $\phi 2.35$ mm

**DENTAL  
ELECTRICAL  
MOTOR**  
(WITH LED)

**BUILT-IN TYPE  
DENTAL ELECTRIC MOTOR**

Order NO:  
**HP-BEM**



- Control System: Vector Control System
- Motor Type: DC Brushless Motor
- Max Torque: 3.4 Ncm
- Input Power: DC 24 V
- The Motor Size:  $\phi 22 \times L 71$  MM
- Weight: 67 G
- Noise: < 60 dB
- LED: White Light



**MC0113**

Air/Water Triple Syringe

**DE-SCH01**



Air Scaler



**DE-AP1**  
Air Polisher



**DE-AP2**

Air Polisher



**DE-AP11**

LED Dust box



**DE-AP12**

Dental Dust Collector



**DE-AP3**

Luxury Air Polisher



**DE-AP10**  
Polisher Gun



**DE-AP4**

Alumina Air Polisher



**DE-AP5**

Alumina Air Polisher

## Electric Contra Angle Head

Compatible matching: Dentsply, Yusen, Woodpecker Skoda, Dayue, NSK Shinai and most other root canal therapy instruments



**HP-L009**

16:1 Mini Press Electric Bending Head

**HP-L009**

16:1 Mini Press Electric Bending Head

**HP-L009**

16:1 Mini press electric wireless root canal electric head

**HP-L010**

16:1 Mini press electric wireless root canal electric head

**HP-L010A**

16:1 Mini Press Electric Bending Head

**HP-L010B**

16:1 Mini Press Electric Bending Head

**HP-L010C**

16:1 Mini Press Electric Bending Head

## SC-Pro FILE Eforward Rotation Single NiTi File System

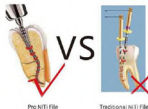
### GT-172

Working parameters/Specification:  
File model/TipSize: 15, 2025, 3035  
Taper/Taper: 3%-8%  
Length/Length: 21mm/25mm  
Speed/Speed: 375rpm  
Torque/Torque: 1.5-3.0N/cm  
Quantity per box: 6 pieces  
QTYper master carton: 6pc/ctn

- Features:  
1. Pro Design Highlights:  
2. Moderate hardness, strong sharpness, high efficiency, and good adaptability to root canal shape.  
3. The safety factor surpasses the traditional nickel-titanium canal and maintains the original anatomical shape of the root canal.  
4. Equipped with an open file and a channel file to reduce stress, making it easier to prepare for difficult root canals.  
5. The system files are based on S4 force, and (S25 and G435) are designed for thick root canals.  
6. Moderate softness and hardness, necessary folding resistance, intelligent cutting, perfect release between efficiency and safety.  
7. Each file has undergone different flexible heat treatment, and the root canal file will automatically recover after heating at a temperature above 60 degrees.

New generation of nickel-titanium alloy

1. Highly flexible and adaptable.
2. Stronger anti-fatigue properties;
3. Adaptation root canal patterns, keeping the original patterns of root canal;
4. Avoid forming step.



Pro NiTi File

Traditional NiTi File

New technology, make perfect responsive to the root canal morphology



## Sup-taper files rotary

### GT-172A

- Nickel titanium alloy for safer and more efficient cutting
- Model SX, S1, S2, F1, F2, F3
- Available in single and mixed packs
- 6 pcs/box



Size	21mm	25mm	31mm
● SX	SFU 019 0SX	SFU 019 0SX	SFU 019 0SX
● S1	SFU 021 0S1	SFU 025 0S1	SFU 031 0S1
● S2	SFU 021 0S2	SFU 025 0S2	SFU 031 0S2
● F1	SFU 021 0F1	SFU 025 0F1	SFU 031 0F1
● F2	SFU 021 0F2	SFU 025 0F2	SFU 031 0F2
● F3	SFU 021 0F3	SFU 025 0F3	SFU 031 0F3

Model	rpm	i	n.com
SX, S1	300	4	
S2, F1	300	2	
F2, F3, F4, F5	300	3	

**Scaler Accessories**



DE-SC3H DE-SC5LA DE-SC5LB DE-SCPH1 DE-SC7HA DE-SC7HB DE-SC7LA DE-SC7LB

**DE-SC13**  
Endo U-file



**DE-SC11**

EMS mode tip  
EMS scaler tips  
Common models:  
P1P3 P4  
G1 G2 G3 G4 G5G6  
E1E2



**DE-SC12**

Sateri mode tip  
Satelec scaler tips  
Common models:  
PD1PD3PD4  
GD1 GD2 GD3 GD4 GD5 GD6



**DE-SC20**

Scaler solenoid valve  
Magnetic Valve



**DE-SC21**

Allen wrench  
Wrench



**DE-SC22**

(without light without LED)  
Suitable for EMS/Woodpecker/  
Weiran plug-in scaler handle (3H)  
Fit for EMS/Woodpecker/VRN



**DE-SC23**

(with light with LED)  
Applicable to EMS/Woodpecker/  
Weiran Insertion and Extraction  
Scaler/Handle (5L)  
Fit for EMS/Woodpecker/VRN



**DE-SC24**

(without light/without LED)  
Suitable for Satelec/DTE cleaning and  
extraction machine handle (7H)  
Fit for Satelec/DTE



**DE-SC25**

(with light/with LED)  
Suitable for Satelec/DTE cleaning  
and extraction machine handle (7L)  
Fit for Satelec/DTE



**DE-SC26**

HW-1 one piece handle  
Suitable for woodpecker  
one piece handle/Fit for  
UDS-J/UDS-B/UDS-N1



**DE-SC27**

HD-1 one piece handle  
Suitable for woodpecker  
one piece handle  
Fit for D1/V1



**DE-CL04**



## B Style LED Curing light

Charger input:~110V~240V 50~60Hz

Charger output:DC4.2V1A

Lithium battery voltage:DC3.7V

Lithium battery capacity:1500mAh

Output light wavelength:420nm~480nm

Output light intensity:1200~1500mw/cm<sup>2</sup>

Curing time selection:5s~40s

Package dimensions:24\*17.5\*10.5cm

Package weight:485g



**DE-CL02**

### Function and Features:

1. Wireless handle design, comfortable grip;
2. 5W high power LED;
3. Large capacity lithium battery, automatic standby, cradle charging;
4. Built-in light tester, easy to check the light intensity;
5. Low noise, little heat generated during work;
6. High quality glass fiber, low light guide loss.

### Technical Parameter:

- Output power:5W  
 Charging voltage:~AC100~240V,50/60Hz  
 Wave length:420~480nm  
 Light intensity:800~1800mw/cm<sup>2</sup>  
 Lithium battery:3.7V 2200mAh

Single Dimension :24.5\*17\*13.5cm  
 Single G.W.:620g/pc

**DE-CL01**

1. Super 10W high power LED bulb
- 2.360° rotating light source
- 3.90-degree right-angle irradiation
4. Right angle light guide
5. No hood light cup design
6. It can be directly attached to the tooth to illuminate the resin
- 7.1-40 seconds working time



**DE-CL03**

### LED Curing light(Metal)

Charger input:~110V~240V 50~60Hz  
 Charger output:DC4.2V1A  
 Lithium battery voltage:DC3.7V  
 Lithium battery capacity:2200mAh  
 Output light wavelength:420nm~480nm  
 Output light intensity:1200~1800mw/cm<sup>2</sup>  
 Package dimensions:21.5\*15\*8.5cm  
 Package weight:0.65KG



**DE-CL05**

### LED Curing light

Charger input:~110V~240V 50~60Hz  
 Charger output:DC4.2V1A  
 Lithium battery voltage:DC3.7V  
 Lithium battery capacity:2200mAh  
 Output light wavelength:440nm~490nm  
 Output light intensity:1200~1500mw/cm<sup>2</sup>  
 Curing time selection:5s~40s  
 Package dimensions:24\*7.5\*6cm  
 Package weight:545g



**DE-CL10**

Light Testing Machine



Plastic Curing Light

**DE-CL05**



**DE-CL11**





blue light whitening    red light desensitization    violet light sterilization

## FEATURES:

- THE DUAL LIGHT BLENDING MECHANISM CAN EMIT BLUE LIGHT OF A SPECIFIC WAVELENGTH, AND THE BLUE LIGHT IS APPLIED TO THE TOOTH SURFACE WHITENING AGENT. INDUCED BY THE UVC BEAM PRODUCE/STAY CATALYZES THE REACTION OF THE WHITENING AGENT TO RESTORE THE ORIGINAL COLOR OF THE TEETH WITHOUT DAMPING THE ENAMEL. IT CAN TREAT YELLOW TEETH OF UNKNOWN CAUSES SUCH AS SMOKED STRONG TEETH, BLACK TEETH, PLACQUED TEETH, TETRACYCLINE TEETH, OLD RED OR PARADOXICAL YELLOW TEETH.
1. ONE LIGHT (BLUE LIGHT) OF THREE LIGHT OUTPUTS ARE OPTIONAL: BLUE LIGHT, RED LIGHT, PURPLE LIGHT;
  2. TWO TO THREE PHASE FOR EACH COURSE OF TREATMENT; 10-15 MINUTES EACH-TIME, EACH COURSE OF TREATMENT CAN INCREASE THE VITA COLOR LEVEL BY 1-1.5;
  3. LCD 8-INCH LIQUID CRYSTAL DISPLAY, HIGH-SENSITIVITY BUTTON PARAMETER SETTING, CONTOURDENT TO INTUITIVELY UNDERSTAND THE OPERATION PROGRESS;
  4. THE USER CAN CHOOSE THE REQUIRED TIME ACCORDING TO THE REQUIRED TREATMENT, AND THE TIME ADJUSTMENT RANGE IS 1 TO 30 MINUTES;
  5. POWER ADJUSTMENT 40%-100%, THE KEY IS ONCE INCREASED OR DECREASED BY 10%;
  6. THE CLOSED LAMPHEAD CAN BE STERILIZED WITH ALCOHOL, OR A DISPOSABLE PROTECTIVE COVER CAN BE USED TO PREVENT CROSS INFECTION. IT IS EASY TO CLEAN AND REASSURES THE PATIENT;
  7. THE THREE-DEGREE OF ROTATING ARM IS FLEXIBLE AND CONVENIENT, AND CAN BE ADJUSTED AND POSITIONED TO A DESIRED ANGLE;
  8. THE INDICATOR LIGHT OF THE POWER BOX WORKS, THE COOLING FAN OF THE LAMP HEAD, AND MULTIPLE SAFETY DESIGNS TO ENSURE THE SAFE OPERATION OF PATIENTS AND DOCTORS;
  9. FLOOR STAND TYPE, STABLE AND ELEGANT SHAPE DESIGN, LAQUERED METAL STAND, WITH FOUR BRAKE FIVE-CLAW STABLE UNIVERSAL MOVEMENT;
  10. FACTORY DIRECT SALES, ONE-YEAR-HOIST WARRANTY, QUALITY ASSURANCE, AFTER-SALES BEST ASSISTED.

Input voltage	AC110V-240V/50/60Hz
The output voltage	18V
power	40W
Blue wavelength	400-490nm
Blue light density	200-300mW/cm <sup>2</sup>
Number of LED tubes	8
Dimensions	Height 130cm unfolding arm length 125cm tripod width 55cm
Package dimensions	66x55x25cm
Package weight	12kg
Packing quantity	1 set/box
Whitening time	Irradiate 2 to 3 times per treatment course- 10-15min each time



## DE-TW01A

Three Color Teeth Whitening Machine

## DE-TW01B

Blue Light Teeth Whitening Machine

## DE-TW02

7 inch Touch Screen

Name	Teeth Whitening Machine
Light color	blue, red, blue+red+purple blue+purple
Voltage	AC 100-240 V 50-60 Hz 1.2A
Led light	15pcs
Wave length	430nm-490nm for Blue lights 620nm-640nm for RED lights 380nm-420nm for Purple lights
Light source	4-5W(purple Light)*5pcs; 2-3W(purple Light)*2 pcs; 1W(purple Light)*8 pcs
Light timing	1-30 mins
Size	Height 125cm, Arm Length 75cm
Net Weight	6.25kg
Packing Size	65*46*22cm
Gross Weight	10kg/set



Single blue floor-standing with countdown



Two-color floor-standing with countdown



Single blue floor-standing

## DE-TW03



Three-color floor-standing

## DE-TW04

5 inch touch screen

Name	Teeth Whitening Machine
Light color	blue, red, blue+red+purple blue+purple
Voltage	AC100-240V/50/60Hz
Led light	15pcs
Wave length	430nm-490nm for Blue lights 620nm-640nm for RED lights 380nm-420nm for Purple lights
Light source	4-5W(purple Light)*5pcs; 2-3W(purple Light)*2 pcs; 1W(purple Light)*8 pcs
Light timing	1-30 min
Size	Height 120cm, Arm Length 90cm
Net Weight	7.5kg
Packing Size	69x48x21 cm
Gross Weight	9.5kg



## DE-TW05

Name	Teeth whitening machine
Light color	Blue
Output power	up to 2500 mW/cm <sup>2</sup>
Power outputs	100/240 Volt, 50/60 Hz
Voltage	100%, 80%, 60%, 40%
Broad spectrum	430nm - 490nm (Blue Light)
Light source	6 high power 3 watt LEDs *4pcs
Light timing	1-30 mins
Size	Height: 120cm, Arm Length 80cm
Net Weight	4.7kg
Packing Size	57x51x18 cm
Gross Weight	7.5kg





Single blue card column

Single blue card table



Three-color card column

Three-color card table



vimedental

Product name	Teeth Whitening Machine
Light color	Blue light/ Blue+Red+Purple light
Power supply	AC100-240V/50/60Hz
Power	33W
Wavelength	420-480nm
Light size	18*74mm <sup>2</sup>
Light intensity	>6000mw/cm <sup>2</sup>
Light timing	0-20 min/0-40min
Power instability	<1%
Working method	time output & continuous working
Coupling	polyester monowave

- Features:
- Bleaching Relax Experience
  - Adjustable Power&Mode
  - 20mins Free time Setting
  - Humanized Design



Advantages:

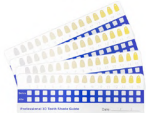
1. Simple, lightweight, convenient design.
2. Free to adjust the position of any angle.
3. Unique semi-circular head design, arches whitening at the same time.
4. 6 computer high-power light-emitting diode, fan cooling.
5. The display shows all the information. All operations are easy.



**PROHP35 Professional Dental Whitening System**  
DE-TW21



**Professional 35HP Teeth Whitening Kit**  
DE-TW22



**Shade Guide Card**  
DE-TW41

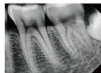


**Shade Guide**  
DE-TW42



**Tooth Dryer**  
Color NO:  
**DE-TW08**  
- Option  
220V or 110V

## DE-XR02



Product Name: High-frequency portable X-ray machine  
 Input power: charger 100-200VAC, 50-60Hz 1.2A  
 Output power: Lithium battery 14.8VDC, 10A  
 Tube voltage/current: 60KV/1mAh (built-in adjustable)  
 Working frequency: 20KHz  
 Exposure time: 0.2-2.0S  
 Focus standard value: 0.3mm  
 Total capacity: 1.75mAL  
 Display mode: LCD touch screen  
 Product size: 19\*11\*17.5cm  
 Net weight: 2kg  
 Packing size: 36\*24.5\*18.5cm  
 Gross weight: 3.5kg

## DE-XR03



Wireless Portable X-Ray

## DE-XR01



Wireless Portable X-Ray

## DE-XR04



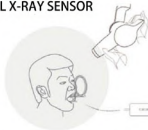
Wireless Portable X-Ray

## DE-XR05



Wireless Portable X-Ray

## DIGITAL X-RAY SENSOR

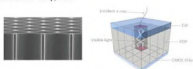


Is your mouth digitized?



### More high-tech combination APS CMOS technology:

5T pixel type  
Real resolution > 20 lp/mm.



Larger active surface, the size 1 active surface is 66mm<sup>2</sup>  
Powerful Image Management Software Powerful Imaging Software

The width of the effective area of the No. 1 sensor reaches 22.5mm compared to the 20mm of the same industry. Larger, making the framing of the rear teeth more comfortable!

You should choose display area > 22mm sensor!

The average length of teeth is 22mm.

You use the sensor display.

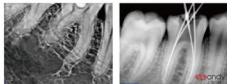
The area is 1.6m.

You use the sensor display.



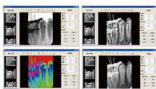
High resolution for details 18.5um pixel size

1.9 million, 2.7 million pixels, even the smallest apical bifurcation can be easily found



Powerful Image Management Software Powerful Imaging Software

negative



Contrast

coloring

standardization



### DE-XS500A

HDR-500A sensor  
Dental X-Ray Sensor  
Parameter Specification:HDR-500A  
Chip Type:CMOS APS  
Fiber Optical Plate:Yes  
Scientific:GoS  
Dimensions:Dimension:39x27.5mm  
Image size:Image Pixel:1.5M(1600\*1200)  
Active Area: 30x22.5mm  
675mm<sup>2</sup>  
Pixel Size:  
185μm  
Active Pixels: 1.5M (1600\*1200)  
Line pair resolution Resolution:  
Theoretical value Resolution (P/mm): 27lp/mm  
Actual value(P/mm):12-14lp/mm(GOS)  
Operating System:Operation System:  
Windows2000/xp/win7/win10(32bit&64bit)  
Microsoft certified  
Other Additional:TWAIN Drive



### DE-XS300

HDR-300 sensor  
Dental X-Ray Sensor  
Parameter Specification:HDR-300  
Chip Type:CMOS APS  
Fiber Optical Plate:Yes  
Scientific:Cal  
Dimensions:Dimension:39x27.5mm  
Image size Image Pixel: 1.5M(1600\*1200)  
Active Area: 30x22.5mm  
675mm<sup>2</sup>  
Pixel Size:  
18.5μm  
Active Pixels: 1.5M (1600\*1200)  
Line pair resolution Resolution  
Theoretical value Resolution (P/mm): 27lp/mm  
Actual value(P/mm):>16-20lp/mm(Cal)  
Operating System:Operation System:  
win7/win10(32bit&64bit) has been certified by Microsoft  
Other Additional:TWAIN Driver

## DIGITAL X-RAY SENSOR



**DE-XS500**  
HDR-500 sensor  
Dental X-Ray Sensor  
Parameter Specification: HDR-500  
Chip Type: CMOS APS  
Fiber Optical Plate: Yes  
Selection: 60S/Cal/7I  
Dimensions: Dimension: 38.5x27.5mm  
Image size: Image Pixel: 1.9M(1600\*1200)  
Active Area: 30x22.5mm(75mm)  
Pixel Size: 18.5µm  
Active Pixels: 1.9M(1600\*1200)  
Line pair resolution Resolution:  
Theoretical value Resolution (IP/mm): 27lp/mm  
Actual value(IP/mm): >12-14lp/mm(GOG)(10-20lp/mm(Cal))  
Operating System/Operation System:  
Windows2000/sp/win7/win8(32bit/64bit)  
Microsoft certified  
Other Additional: TWAIN Driver

### DE-XS301

A7EC AT-301 Sensor  
Dental X-Ray Sensor  
Parameter Specification: AT-301  
Chip Type: CMOS APS Control box  
Active Area: 22.5x30mm(75mm)  
Pixel Size: 18.5µm  
Active Pixels: 1.9M(1600\*1200)  
Line pair resolution Resolution: Theoretical value  
Resolution (IP/mm): 27lp/mm  
Actual value(IP/mm): >12-14lp/mm(GOG)  
Additional: TWAIN Driver  
Operating System/Operation System:  
Windows2000/sp/win7/win8(32bit/64bit)

Fiber Optical Plate: Yes  
L\*W\*H outer size: 120\*35\*15mm  
Scintillator: GOS  
PC Interface: USB2.0  
Dimensions: 27.5x38.5mm  
Supply current: 500mA max  
Image size: Image Pixel: 1.9M(1600\*1200)  
Digitization: 12 bits per pixel



Original golden control box upgrade



**DE-XS100**  
VATECH Ez sensor 5 sensor  
Dental X-Ray Sensor  
Waterproof grade: IP67  
Probe cable length Total Cable Length:  
3m Exterior Material: Silicone (Bio-compatibility) Silicone (Biocompatibility)  
Detector: Low Noise Hybrid CMOS  
Dimensions (WxLxT): 40.3x30.8x7.9mm(1.5)  
Pixel size: 0.035mm  
Receiving area Active Area: 33.00x23.98mm(1.5)  
Dynamic column: 4095 levels of grayscale  
Signal-to-noise ratio: >37dB  
USB cable: 3m  
Theoretical Resolution: 33.78lp/mm  
Dynamic Range Dynamic Range: 12bit 12bit  
Sensor service life: >100000 times  
Pixel Size: 14.8µm  
Operating Mode: Continuous  
Electrical rated DC: 5V, 500mA  
Bending times of connecting line: >50000 times

## WIRELESS ENDO MOTORS



**EM-01**

Handheld LED light source root canal motor Dental wireless root canal motor with light source Dental root canal motor

### Features:

1. Ergonomic design, lightweight body and convenient operation;
2. 16:1 reducer head, with 6 directions for adjustment;
3. With 6 working modes: reciprocating motion, continuous motion, one-way forward rotation, one-way reverse rotation, etc.;
4. Optional 16:1 mini gyro phone, with hand file operation;
5. The high-brightness LED light frame can assist the doctor to better observe the root canal environment;
6. Built-in large-capacity battery, can work continuously for more than 2 hours.

The LED light is detachable, please do not use high temperature and high pressure disinfection, alcohol disinfection or ultraviolet disinfection at room temperature



charging base\*1 host handle\*1 16:1 head\*1 LED light\*2 wrench\*1 adapter\*1 set manual\*1



### 6 functional programs

P1 intelligent forward rotation, root expansion function (speed 10-500 torque 0.640)

P2 reciprocating operation, single file function (speed 200400 torque fixed)

P3 intelligent reversal and needle withdrawal function (rotating speed 120-500 torque 0.6-4.0)

P4 reciprocating operation, single file function (rotating speed 200400 group force fixed)

P5 intelligent stop, root expansion function (speed 10-500 torque 0.640)

P6 intelligent stop, needle withdrawal function (speed 10-500 torque 0.640)

model:	D-Smart-I
Voltage:	~AC100-240V, 50/60Hz
speed:	16:1
Torque range:	0.6-3.9N.cm (6-39mN.m)
Speed range:	125rpm-625rpm
battery capacity:	1200mAh
Illumination:	5000lux
Operating mode:	6 modes
Package dimensions:	13.5*18*7.5cm 44*29*38cm
Package gross weight:	535g (set) 164g (295cc)

## WIRELESS ENDO MOTORS



EM-02

- The information and data provided by the LCD screen on the product make the operator's control of the product clear at a glance.
- There are 10 kinds of programs (setting) reserved for use. The best data can be input and set in address, and detailed settings can be made according to the situation of use.
- Different torque values can be set according to the torque of different root canal enlargement needles, which is clear at a glance. Convenient for doctors to operate.
- When the automatic reversal function is turned on, when the root canal enlargement needle exceeds the preset torque value, the root canal enlargement needle automatically retracts and retracts back canal, after the resistance is removed, it will automatically rotate forward.
- The motor of wireless radial treatment is designed for soft back movement and soft stop, so there is no impact, and it ensures that the root canal enlargement needle will not stop when the needle is impacted retrogradely.
- Due to the use of battery power to maintain battery life and save time, the product will automatically turn off the power when it is not operated for 8 minutes every time.
- The correct machine head, root canal expansion needle holder and mouth carrier hook can withstand 133°C high temperature and high pressure sterilization.
- Built-in rechargeable battery, reducing the number of battery replacements and reducing the cost of machine use.

### Features

- This unit can be used in independent endodontic shaping.
- 8 different programs can be preset according to requirement of operator.
- When rotary file reaches preset torque, the file will automatically withdraw until removal of resistance.
- This unit is powered by rechargeable Lithium battery, in order to expand life span of battery. The unit will be turned off automatically in 8 minutes without any uses.
- Contra angle, file clip and lip hook can be 135°C autoclaved.

### 2. Main Specifications

#### <Main Unit>

Battery Voltage	DC 3.7V
Battery capacity	900mAh
Charging time	3 hours approx
Weight	480g
Packing size	205x 105x75mm

#### Technical

1. Motor working voltage: 100-240V, 50/60Hz
2. Speed: 100-2000rpm optional
3. Torque: 0.5-5N.cm optional
4. Battery capacity: 900mAh
5. Drive packing specification (torque bit): 1008-1113
6. Weight: 1.3kg, 0.48
7. Quantity per carton: 12 units

#### <AC Adapter>

Rated input voltage	AC100-240V 50/60Hz
Output voltage	DC 5V/1mCRO USB
Output current	1A

### Effectively prevent needle breakage

Real-time dynamic torque feedback and control technology/real-time automatic reversal, effectively avoiding instrument separation  
Personalization  
Continuous motion, reciprocating motion or reverse mode can be set as required/10 custom modes can be stored and recalled at any time, easy and fast to use/Wide range of adaptations/Wide range of torque and speed, suitable for all types of file systems on the market

Torque: 0.6-5N.cm  
Speed: 100-1000rpm  
technical parameter

### Technical

Voltage(main unit): 3.7V  
Input : AC 100-240V 50Hz/60Hz  
Output: 0.4A max  
Current: DC 5V/1A  
Capacity of Battery: 1500mAh  
Torque: 0.5Ncm-4.0Ncm(5mNm-40mNm)  
Speed: 120rpm-1000rpm  
N.W. (Handpiece): 0.3kg  
Size(Handle): 21cm-2.9cm  
Packing: 20\*16.5\*8cm  
Gross weight: 0.7kg

Imported silent motor  
ent endodontic shaping  
Planetary gearbox for longer life and durability  
t according to requirement of operator.  
que, the file will automatically withdraw until  
Bright OLED screen  
control, even strong light can clear  
Fautomatically in 8 minutes without any uses.  
Smart charging mode

9 kinds of function file programs, torque and speed can be set



EM-03

## ROOT APEX IOCATOR RPEX6



### FEATURES:

- 1) Large and adjustable color LCD screen;
- 2) Original Switzerland electro-motor;
- 3) Special connector for medical treatment;
- 4) Drive 1:1 contra angle;
- 5) 9 programs to be set and memorized automatically;
- 6) 4 types of rotation modes: Auto start, Auto stop, Auto reverse, Auto apical slow down, avoiding reamer-breaking and bringing more convenience;
- 7) Independent multi-frequency operating system for Apex Location, ensuring the accurate measurement in any condition;
- 8) Self calibration of the rotation speed or torque;
- 9) High capacity rechargeable battery with longer duration;
- 10) Auto power off completely, extending the duration of battery;
- 11) Ergonomics design with elegant appearance to bring the convenient operation.
- 12) Motor handle has been upgraded. Built-in wire makes operation more convenient.

### Technical specifications

Battery: 3.7V/2000mAh  
Weight: 446g  
Dimensions: 131mm X 75mm X 105mm

### Device Features:

- a) Advanced multi-frequency network technology of apex location and automatic calibrating ensures the measurements are accurate.
- b) Large colored display, touch button, different colors indicate the trajectory of the file clearly.
- c) High capacity rechargeable battery with 3.7V/2000mAh.
- d) The File clip, Lip hook and Touch probe can be sterilized by autoclave sterilizer.
- e) Visual angle can be adjusted flexible.

### Advantages:

1. Accuracy: America made high quality chip, digital measurement and multi-frequency measuring technologies. Clinical practices showed that our accuracy is the same to company D from USA, company V from Germany and company M from Japan.
2. Anti-interference, measuring results is not affected by different kinds of teeth or root canal environment.
3. Rechargeable lithium battery with high capacity, standby time can up to 6 months, which is much more longer than Ni-MH battery being used by some other companies.
4. Large colored display, visual angle can be adjusted flexible.
5. Integral panel with touch inductive buttons, easy to clean and prevent cross infection.

### Technical Parameters:

1. Adapter working voltage: ~100V-240V, 0.8A, 50Hz/60Hz
3. Battery: 7.2V/1500mAh
- 2.5 speed settings: 200-600 rpm
3. Torque adjustment range: 0.6-4.0N.cm

### Product volume/weight:

1. Outer packing specification (CM): 24\*21\*9.5
2. Weight (KG)/unit: 1.8
3. Packaging material: carton
4. Quantity per box: 8 sets

Battery: 3.7V/2000mAh  
Adapter: ~100V-240V 50Hz/60Hz  
Consumption power <6.5W  
Screen: 4.5" LCD  
Buzzer alert: The buzzer will alert when the file is less than 2mm closed to the apex  
Operation condition  
Environment temperature: 0-40°C  
Relative humidity: 10-85%RH  
Atmosphere pressure: 60kPa-106kPa  
Dimensions: 131mm (L) X 75mm (W) X 105mm (H)  
Weight: 446g



## EA-02

### Focus on Endo

1. America made high quality chip, digital measurement ensures accuracy.
2. Multi-frequency locating technology, keep accurate from environmental interference.
3. Multi-color screen, touch inductive buttons.



## ROOT APEX LOCATOR

\*Color LCD screen, clear image

\*Based on multi-frequency independent network measurement technology, automatic calibration ensures measurement accuracy

\*The measurement results are not affected by the type of teeth and the internal environment of the root canal

\*rechargeable battery

\* Adjustable viewing angle

\*LCD screen,the trajectory of the file can be clearly shown with different colors

\*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

\*Rechargeable lithium battery

\*Measurement results will not be affected by tooth type,root canal internal environment

\*Foldable,better view from different visual angles

\*Adjustable viewing angle



EA-03

Battery:3.7V/750mAh  
Power consumption<0.5W  
Screen:4.5"LCD  
Weight:350g  
Dimensions:82mm\*88mm\*112mm



When the liquid crystal root canal file reaches the apex, the screen shows white area  
Pre-apical zone white



When the liquid crystal root canal file reaches the apex, the screen shows green area  
Apex zone green



When the liquid crystal root canal file goes beyond the apex, the screen shows red area and beeps continuously  
Over top red



EA-04



The root canal is at the apex of the apex  
Display white area



The root canal needle reaches near the apex  
Display green area



When the root canal is beyond the apex, the red area is display and keep beeping

### Root apex locator

4.5 inch large color screen Battery rechargeable

LED backlight display Adjustable viewing angle

Technical parameter

Battery:DC3.7V/750mAh

Host weight: 350g

Size: 84\*88\*112mm

Display: 4.5 inch LCD

Power adapter: ~100V-240V/0.4V50Hz/60Hz

Sound prompt: There will be an alarm sound when the root canal needle is less than 2mm away from the root tip

Scope of application: It is suitable for the measurement of tooth length of various types of odontitis, tooth necrosis and various types of apical inflammation.

Applicable to the measurement of tooth length before past and crown restoration

Suitable for measuring the length of implanted or replanted teeth.

Single package weight: 0.7kg

Single package size: 17\*14\*9.5cm

Packing size: 35\*38\*51cm (20 units)

Packing gross weight: 14KG (20 units)

Battery:DC3.7V/750mAh

Current:170mA

Working system:Short-time operation weight:350g

Dimensions:84\*88\*112mm

Display:4.5"LCD



**DE-GA01**  
Obturation Pen



**DE-GA01**  
Obturation Pen



**DC1132**  
Electronic defogging mirror



**DC1132**  
Dental Photographic Reflector Glass  
Double Side



**DE-TW08**  
The teeth dryer



**DE-SE01**  
Dental seallng machine



**DE-GPC**  
Cutta Percha Cutter



**DE-PT7**  
Pule Tester

## PORTABLE DENTAL UNIT WITH AIR COMPRESSOR

Order NO:  
**DE-PDU01**



**Specification:**

Power: 600W  
Flow rate: 118L/min  
Weight: 29KG  
Size: 410\*270\*610mm  
Volt./Hz: 110-240V 50/60Hz

**Feature:**

1. Easily transported suitcase with pull-out handle and wheels, dentist may move the unit freely and conveniently;
2. Compact structure, self-contained bag for storage to save your space;
3. Consist soft related operation system inside the dental treatment unit, such as air supply, water supply, suction and drainage;
4. Easy to setup and operate.
5. Install the parts correctly and with correct power supply, control the unit with foot switch is OK;
6. High quality motor with steady performance, solid box to ensure anti-fall, service time exceeds 20,000 hours;
7. Oil free motor without any lubricated oil, drainage bottle is convenient to move and disinfect;
8. 2 years warranty.

**Accessories:**

- \*Self-contained oil free compressor (600W motor);
- \*With 2 pcs handpiece tubing (2 hole / 4 hole);
- \*With 1pc 3-way syringe;
- \*With saliva ejector;
- \*Self-contained clean water supply system (1000ml);
- \*Self-contained drainage bottle (1000ml);
- \*With foot switch;
- \*Self-contained bag for storage to save your space;

Order NO:  
**DE-PDU02**



**Specification:**

Power: 600W  
Flow rate: 118L/min  
Weight: 29KG  
Size: 410\*270\*610mm  
Volt./Hz: 110-240V 50/60Hz

**Feature:**

1. Easily transported suitcase with pull-out handle and wheels, dentist may move the unit freely and conveniently;
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7. Oil free motor without any lubricated oil, drainage bottle is convenient to move and disinfect;
8. 2 years warranty.

**Accessories:**

- \*With 2 pcs handpiece tubing (2 hole / 4 hole);
- \*Self-contained oil free compressor (600W motor);
- \*With 1pc 3-way syringe;
- \*With saliva ejector;
- \*With LED curing light;
- \*With Ultrasonic scaler
- \*Self-contained clean water supply system (1000ml);
- \*Self-contained drainage bottle (1000ml);
- \*With foot switch;
- \*Self-contained bag for storage to save your space;

**PORTABLE DENTAL CHAIR**

**Backrest adjustment**

Gear position	1	2	3	4	5	Empty
Overall height on	185	165	156	94	87	27



**DE-364**

Multi-functional Folding Chair  
Blue/green/yellow



**DE-364-B**

**DE-364-E**

**Independent control LED**



High quality water  
and gas pipes

Stainless steel tray



**DE-364-F**



**DE-364-G**



**DE-366**

Simple Type-Folding Chair



**DE-367**

Standard Type-Folding Chair



**DE-368**

Luxury Type-Folding Chair

## DENTAL CHAIR



**DE-369**

Dental Unit

### Configuration Introduced

3-way syringe(cold & hot):1 set each  
 High suction and saliva ejector:1 set each  
 Operation light:1 set  
 Ceramic cuspidor:1 set  
 LED film viewer:1 set  
 Automatic bowl rinsing and filling:1 set  
 Water purified system of hand piece:1set  
 Assistant stand:1 set  
 Foot switch:1 set  
 Doctor's chair:1 set  
 PU cushion:1 set

### Common Technical Parameters Introduced

Power supply:AC 220V 50Hz(customizable)  
 Motor power:DC 24V  
 Air pressure:0.5-0.8Mpa  
 Water pressure:0.2-0.4Mpa

### Options:

Oilless air compressor  
 High speed handpiece  
 Low speed handpiece  
 Digital intra-oral camera  
 LED dental curing light  
 Polisher  
 Scaler



**DE-370**

Dental Unit

### Configuration Introduced

3-way syringe(cold & hot):1 set each  
 High suction and saliva ejector:1 set each  
 Operation light:1 set  
 Ceramic cuspidor:1 set  
 LED film viewer:1 set  
 Automatic bowl rinsing and filling:1 set  
 Water purified system of hand piece:1set  
 Assistant stand:1 set  
 Foot switch:1 set  
 Doctor's chair:1 set  
 PU cushion:1 set

### Common Technical Parameters Introduced

Power supply:AC 220V 50Hz(customizable)  
 Motor power:DC 24V  
 Air pressure:0.5-0.8Mpa  
 Water pressure:0.2-0.4Mpa

### Options:

Oilless air compressor  
 High speed handpiece  
 Low speed handpiece  
 Digital intra-oral camera  
 LED dental curing light  
 Polisher  
 Scaler

## GUTTA PERCHA POINTS

WM-172-B

- For root canal fillings after the preparation
- Stiff but flexible to provide ideal workability
- Hand-rolled from highest quality Gutta Percha to extremely close tolerance



Gutta Percha Points																		
size	15	20	25	30	35	40	45	50	55	60	70	80	size	F1	F2	F3	F4	F5
	Color	white	Yellow	Red	Blue	Green	Black	white	Yellow	Red	Blue	Green	Black	Color	Yellow	Red	Blue	Black
Packing	Taper						PCS						PCS					
Single	02						120						120					
	04/06						60						60					
Assorted	02/04/06						120/60/60						120/60/60					



## ABSORBENT PAPER POINTS

WM-172-C

- For root canal cleaning when endodontic treatment



Absorbent paper points																		
size	15	20	25	30	35	40	45	50	55	60	70	80	size	F1	F2	F3	F4	F5
	Color	white	Yellow	Red	Blue	Green	Black	white	Yellow	Red	Blue	Green	Black	Color	Yellow	Red	Blue	Black
Packing	Taper						PCS						PCS					
Single	02						200						200					
	04/06						100						100					
Assorted	02/04/06						200/100/100						200/100/100					



Designed to use with Obturation gun  
Specially formulated and highly folowlabel  
Gutta Percha



For temporary filling  
Made of the finest quality Gutta Percha



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**GUOTANG**  
HEALTH