



Product Catalogue

machines • handpieces • scalers • lights • sensors • tips

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Ai-Pex

Apex Locator with Pulp Tester



- **CONSTANT CURRENT SOURCE**
Electric pulp testing
- **MAGNETIC ADSORPTION**
Unique base design
360° rotatable, the viewing angle of the screen can be adjusted
- **ANTI-INTERFERENCE**
Multi-frequency
DSP technology

- **LARGE COLOR SCREEN**
3.8 inch LCD touch screen
- **SOUND RECOGNITION**
Enables easier measurement
- **ROOT CANAL LENGTH MEASUREMENT**
Auto calibration after startup
Automatically and precisely determine the position of apical foramen

Working time: 5h20min
Charging time: 3h
Size: 101mm x 101mm x 175.5mm
Weight: 685g
Battery: 3.7V / 2000 mAh (model:18500)



AP-H Plus

Dental Air Polishing Handpiece

Comfortable Clean Lightweight
Easy cleaning mode

- **ERGONOMIC DESIGN**
Easy quick connection for plugging and using
- **0.7MM SMALL CALIBER NOZZLE**
More concentrated powder output
- **THREE-SECTION AIR-POLISHING HANDPIECE**
Detachable handpiece
- **360° ROTATABLE**
Pre-bendable subgingival nozzle



supragingival &
subgingival mode



three-section
air-polishing



transparent powder
container



whole device weighs
about 125g

Endo Pace

Brushless Endo Motor

- **LIGHTWEIGHT CORDLESS HANDPIECE**
Weighs only 106.8g (handpiece+contra angle)
- **HIGH PERFORMANCE BRUSHLESS MOTOR**
High torque and fast response
- **LOW WEAR, LOW HEAT AND LONGER SERVICE LIFE**
10 times the service life of brush motor
- **360° ROTATABLE CONTRA-ANGLE**
More flexible operation
- **6:1 MINI CONTRA-ANGLE**
- **4 WORKING MODES**
- **CAN BE CONNECTED TO AN APEX LOCATOR**



Implant Air

Dental Implant Unit

Precise Reliable Simple

- **AUTOMATIC CALIBRATION**
Torque startup automatic calibration
- **CONTINUOUS TORQUE OUTPUT**
Torque output continues with a preset value
- **PEAK VALUE DISPLAY**
- **ULTRA-QUIET PERISTALTIC PUMP**
- **MULTI-FUNCTION FOOT PEDAL**
- **5-INCH LCD COLOR TOUCH SCREEN**
- **5 PRESET PROGRAMS**
- **AUTOMATIC SAVING OF PARAMETERS AFTER EACH OPERATION**



LX16 Plus

Innovative Three Wavelengths Blue Semiconductor Laser Therapy Device



- **WAVELENGTHS & OPTICAL POWER:**
20±450 nm : Pmax=4W
20±650 nm : Pmax=200mW
20±976 nm : Pmax=7W
- **LASER SYSTEM:**
450 nm: Class IV
976 nm : Class IV
650 nm : Class II
(according to IEC 60825-1)
- **EMISSION MODES:**
CW (continuous wave)
chopped 1 Hz to 20kHz
- **AIMING BEAM:**
650±20 nm/Pmax<5mW
- **BATTERY:**
11.1V 2600mAhx2 (57.7Wh)

FI-G

Gutta-percha Obturation System

Time consumption for charging: About 2.5h

Battery capacity: 2000mAh

Size: 31.9mm*152.5mm*114.9mm(Fi-G)

75.5mm*149.7mm*62.6mm (Charging base)

Weight: 170g (Fi-G)

207g (Charging base)

167g (Power adapter)

Main unit ×1

Charging base ×1

Power adapter ×1

23G 24mm needle ×1

23G 28mm needle ×1

25G 24mm needle ×2



quick heating



360 degree
rotatable



0.5mm injection
needle



dual screen
display

| Type | Size | Length |
|----------|------|--------|
| 20G 22mm | 20G | 22mm |
| 20G 24mm | 20G | 24mm |
| 20G 28mm | 20G | 28mm |
| 23G 24mm | 23G | 24mm |
| 23G 28mm | 23G | 28mm |
| 25G 24mm | 25G | 24mm |



FI-P

Gutta-percha Obturation System

Time consumption for charging: About 2.5h

Battery capacity: 2000mAh

Size: 158.3mm*23.8mm*23.8mm (Fi-P)

75.5mm*149.7mm*62.6mm (Charging base)

Weight: 80g (Fi-P)

195g (Charging base)

167g (Power adapter)

Main unit ×1
Charging base ×1
Power adapter ×1
WP4004 tip ×1
Wp4504 tip ×1
WP5506 tip ×1
WP5508 tip ×1



0.2 second
heating time



0.35mm
pre-bend tip



high precision
temp. control



4 working
temperatures



4 hours
of endurance

| Type | Diameter | Taper |
|---------|----------|-------|
| WP3504 | 0.35mm | 0.04 |
| WP4004 | 0.40mm | 0.04 |
| WP4504 | 0.45mm | 0.04 |
| WP5004 | 0.50mm | 0.04 |
| WR5506 | 0.55mm | 0.06 |
| WP5508 | 0.55mm | 0.08 |
| WP5510 | 0.55mm | 0.10 |
| WP6012 | 0.60mm | 0.12 |
| WP5508L | 0.55mm | 0.08 |





PT-A

Dental Scaler and Air Polisher

- ELLIPTICAL VIBRATION
- TITANIUM ALLOY TIP
- IMPLANT MAINTENANCE
- THOROUGH REMOVAL OF PLAQUE
- REDUCE PLAQUE AND PIGMENT ADHESION
- SUBGINGIVAL AIR-POLISHING
- PLAQUE CONTROL
- ROOT CANAL TREATMENT
- ULTRASONIC PERIODONTAL TREATMENT
- DUAL WATER SUPPLY



Three-section Air Polishing Handpiece, easier for cleaning



- Main unit input: 25V~ 50Hz/60Hz 2.8A
- Output tip vibration frequency: 30±5kHz
- Output tip power: 3W~20W
- Main unit weight: 2.75kg
- Main unit dimensions LxWxH: 330mm x 280mm x 120mm
- Main unit x1
- Ultrasonic handpiece x2
- Tips: P33x2, P50Lx2, P50Rx2, P56x2, P59x2, P94x1, P95x1, E60x2
- Air polishing handpiece (AP-1/AP-2)x2
- Powder tank x2
- Prophylaxis powder x2
- Water bottle x2



Large screen smart control



Small-caliber nozzle



Automatic identification of scaling mode



Anti-blocking system



Multi-function foot pedal

| Material | Glycine | Dentin | Erythritol | Sodium bicarbonate | Enamel |
|----------------|---------|--------|------------|--------------------|--------|
| Moh's hardness | 2 | 2-2.5 | 2.5 | 2.5 | 4.5 |



GENTLE MINI

25µm glycine
supragingival + subgingival powder (120g)

This product, with 25µm glycine particles, is gentle on soft tissues within periodontal pockets, gums, upper jaw, and tooth surfaces. It can be used for pediatric dental care, orthodontics, restoration maintenance, periodontal care, and implant maintenance.



FAST

65µm sodium bicarbonate
supragingival powder (300g)

Used for rapid removal of supragingival stubborn pigments, soft deposits and biofilm in adults.

Three flavors: Lemon, Peach, and Strawberry



i-Sensor

High-Resolution Imaging



- **ADVANCED IMAGING QUALITY**
Theoretical resolution of 25 lp/mm
High-definition sensor up to 2.2 million px
- **DURABLE AND RELIABLE**
80000+ bending test
4.5mm thinnest sensor

| Type | i-Sensor H1 | i-Sensor H1.5 | i-Sensor H2 |
|-------------------------------|-----------------|------------------|----------------|
| Mechanical Size | 25.03*38.53*4.5 | 29.2 * 43.5* 4.5 | 31.62*45.0*4.5 |
| Detector Technology | APS CMOS | APS CMOS | APS CMOS |
| Scintillator | Csl | Csl | Csl |
| Pixel Matrix | 1000*1 500 | 1200×1650 | 1300*1800 |
| Theoretical Resolution | 25lp/mm | 25lp/mm | 25lp/ mm |
| Active Area | 20*30 | 24*33 | 26*36 |
| AD Conversion(bit) | 16 | 16 | 16 |
| Data Interface | USB 2.0 | USB2.0 | USB 2.0 |
| Protection | IP68 | IP68 | IP68 |

HP33

Dental Turbine Handpiece

Specifications

| | |
|----------------|----------------------------|
| Model | HP33 |
| Chuck | Push-button |
| Power | 20W |
| Air pressure | 2.5-2.7kgf/cm ² |
| Water pressure | 0.5~2.0kgf/cm ² |
| Speed | ≥280000r/min |
| Head size | ∅ 12mm x H 13.1 mm |

Clean Head System

Prevent blood and foreign matter from entering the head, enabling 100% zero suck-back

Avoid cross infection, extend service life

Triple spray

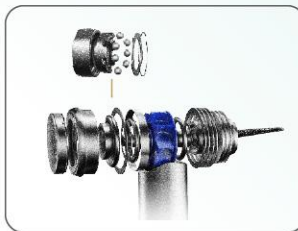
Water-air separation

Effective cooling, reduced risk of burning tissues



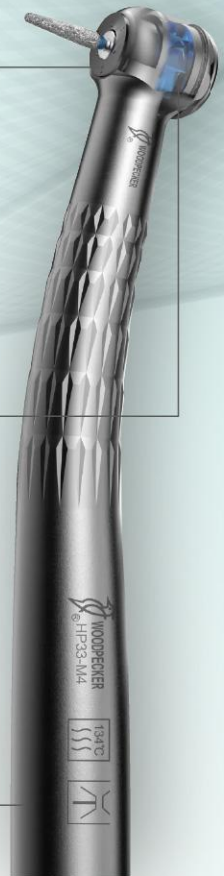
German bearing

more stable



Titanium coating

less wear



U-Light

Wide Spectrum Curing Light

- **UPGRADED FOCUSED LIGHT OUTPUT**
Unique Woodpecker technology
Reduces 55.87% light angle
- **LESS LIGHT LOSS**
Reduces light loss, more reliable
- **360° ROTATABLE HEAD**
Easily reaches every angle
- **FULL METAL BODY**
More impact-resistant
Longer durability
- **UPGRADED PUSH BUTTON**
Prevents accidental touches
- **LIGHT INTENSITY UP TO 3000 mW/cm²**
- **3 WORKING MODES FOR OPTION**
P0 - Turbo mode
P1 - High mode
P2 - Normal mode



Endo Smart Pro

Brushless Endo Motor

- SUPER MINI HEAD & SLIM NECK
Diameter: 8mm | Height: 9.7mm
- STRONGER POWER
Accurate and stable torque output
- PRECISE ROTATION
- LOWER NOISE
- INTEGRATED APEX LOCATOR
- WIRELESS CHARGING



2000mAh Lithium battery



360° rotatable contra-angle



6:1 Contra-angle

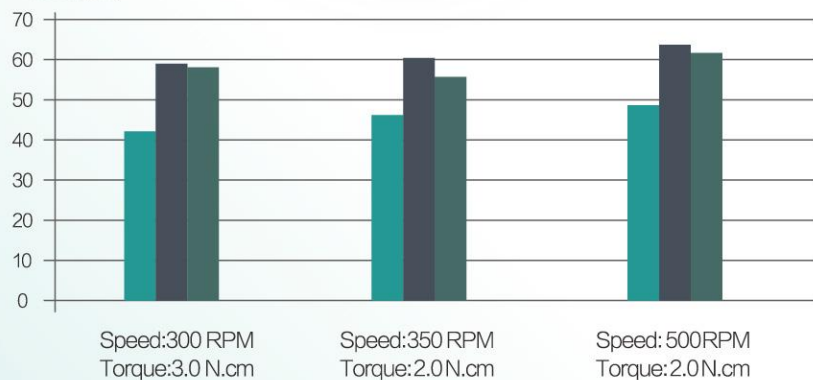


Front center-of-gravity



- Endo Smart pro
- Asian E brand
- European D brand

Noisy(dB)



Speed range : 50-1800RPM

Torque range : 0.4-5.0N.cm

Reciprocating angle adjustment range : 20°-400°



Service life of motor:

Brushless Endo Motor=Brush Endo Motor × 10

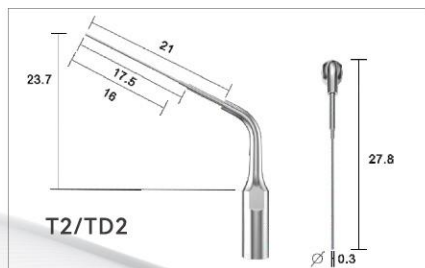
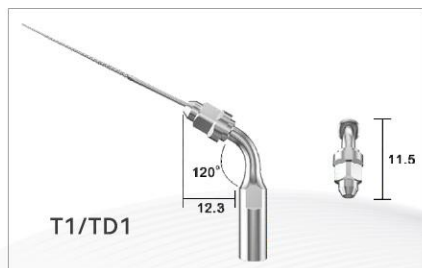
Dr. Talal's Endo Kit

Endodontic Ultrasonic Tips
by Dr. Talal Al-Nahlawi

Each kit contains 6 tips, 1 tip holder
1 wrench, and 6 U files



Talal



Tips

| SCALING | PERIODONTICS | ENDODONTICS |
|----------|--------------|-------------|
| G1 (GD1) | P1 (PD1) | E4 (ED4) |
| G2 (GD2) | P2L (PD2L) | E3D |
| G3 (GD3) | P3R (PD3R) | ED3D |
| | | ED25LD |
| | | E60 (ED60) |
| | | E62 (ED62) |
| | | E97 |

