

### WORLDWIDE UNIQUE ENDO MOTOR AND APEX LOCATOR WITH VIBRATION

**ROTATION + VIBRATION**  
Two-pronged approach to assist MTA compaction

\*Biofilm disruption by sonic instrumentation

#### OUTSTANDING BENEFITS

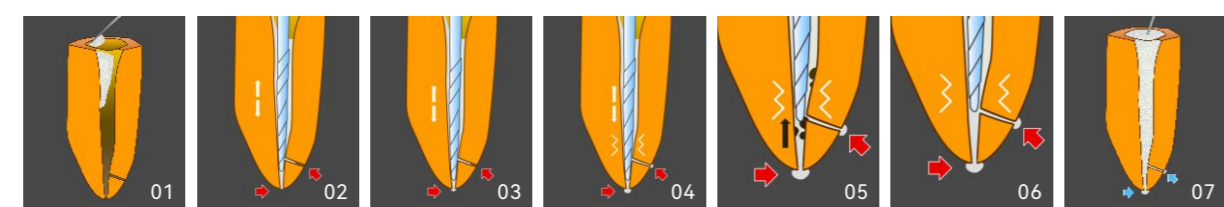
- Higher Treatment Efficiency
- Shorter Treatment Time
- Better Treatment Quality

#### THREE VIBRATION POWERS OPTIONAL

#### IDEAL FILLING OF SMALL ANATOMICAL SPACES

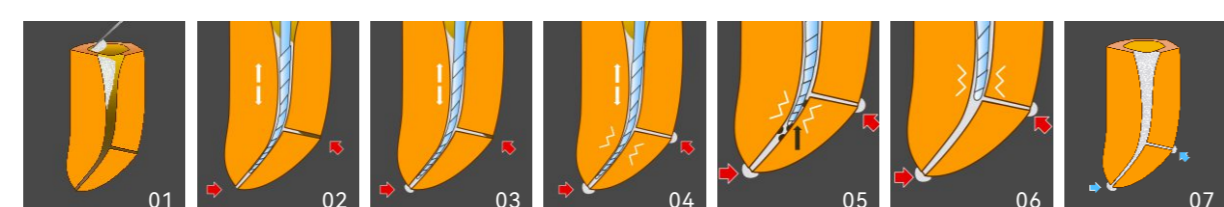
Comparison results: condensing MTA with T-Mode+ can achieve consistent filling of small anatomical spaces, no voids. Select a rotary file smaller than the apical preparation size as a condenser.

##### Curvature < 30°:



- Pre-op (Carry MTA into the canal with the MTA carrier).
- Use 90° SGP at 100 r/min to 150 r/min to carry MTA to the apical foramen until EAL shows "APEX".
- Use CCW at 50-100 r/min with an up/down motion to condense MTA in the apical third upon reaching "APEX".
- Activate sonics while using CCW with an up/down motion to both further condense MTA into lateral canals or small anatomical spaces and remove voids when EAL shows "0.5".
- Use CW at 50-100 r/min to remove voids trapped in the apical third with sonics.
- Keep using CCW at 50-100 r/min with sonics until EAL hits "0.5" again from "APEX" to complete MTA obturation in the apical third.
- Complete MTA obturation with a plugger in the middle third or in the coronal third.

##### Curvature ≥ 30°:



- Pre-op (Carry MTA into the canal with the MTA carrier).
- Use 90° SGP at 100 r/min to 150 r/min to carry MTA to the apical foramen until EAL shows "APEX".
- Use 50° CW / 380° CCW REC at 50-100 r/min with an up/down motion to condense MTA in the apical third upon reaching "APEX". (SGP for USA, Japan and some EU countries, the angle set based on curvature.)
- Activate sonics while using the same REC (SGP) mode with an up/down motion to both further condense MTA into lateral canals or small anatomical spaces and remove voids when EAL shows "0.5".
- Use CW 380° / CCW 50° REC at 50-150 r/min with sonics to remove voids trapped in the apical third. (SGP for USA, Japan and some EU countries, the angle set based on curvature.)
- Keep using the same REC (SGP) mode at 50-100 r/min with sonics until EAL hits "0.5" again from "APEX" to complete MTA obturation in the apical third.
- Complete MTA obturation with a plugger in the middle third or in the coronal third.

#### T-MODE+ PREPARATION WITH THE ELECTRONIC APEX LOCATOR (EAL) ROOT FILLING WITH VIBRATION

Can be connected to AI-Pex  
Larger screen for clearer and more intuitive display with distinguishable sound in several different tones to inform the clinician of its location

#### T-MODE FOR SAFER LEDGE BYPASSING

##### TWO-STEP LEDGE BYPASSING

First Step: SGP mode for bypassing ledge into the original path

Second Step: CW/CCW/REC/ATR for instrumenting the original canal

#### TWO IN ONE BUILT-IN APEX LOCATOR

##### T-Mode Preparation with the Electronic Apex Locator

Auto start/stop at root canal orifice  
Auto slowdown at apical constriction  
Auto reverse/stop at apical stop

##### Electronic Apex Locator mode

Helps you determine root canal apex more quickly and accurately

#### CUSTOMIZABLE RECIPROCATING ANGLE

Adjustment range: 20°-400°  
Adjustment interval: 10°

##### Normal

##### Vertical motion

1 mm vertical stroke

360° ROTATABLE SUPER MINI CONTRA-ANGLE X2  
Larger operating field of view

Speed	Torque	Battery Capacity	Wireless Charging	Base*2	Wireless Pedal
50-2500 r/min	0.4-5.0 N·cm	2000 mAh			X1

#### HIGH PERFORMANCE BRUSHLESS MOTOR

About 10 times the service life of brush motor

Stable cutting can still be ensured at the apical constriction or curved apex, reducing the risk of instrument separation

## 812 MT

Worldwide Unique Endo Motor and Apex Locator with Sonic Vibration



Can be navigated by pressing "-" & "+" buttons



12 programs on memory slot



Built-in Apex Locator



Pre-set 5 systems

## WOODPECKER

Guilin Woodpecker Medical Instrument Co., Ltd.  
Information Industrial Park, Guilin National High-Tech Zone, Guilin, Guangxi, 541004, P.R. China  
Sales Dept: +86-773-5873196  
E-mail: woodpecker@woodpecker.com  
Website: http://www.gwwoodpecker.com

Scan and log on to enable for more information

## WOODPECKER

## 812 MT

Worldwide Unique Endo Motor and Apex Locator with Sonic Vibration

Worldwide Unique Endo Motor and Apex Locator with Sonic Vibration

## 812 MT

Prof. Dr. Yoshi Terauchi

*Yoshi Terauchi*