



# 812 *MT*

Worldwide Unique Endo Motor  
and Apex Locator with sonic vibration





Worldwide Unique  
Endo Motor and Apex Locator  
with sonic vibration

812 MT

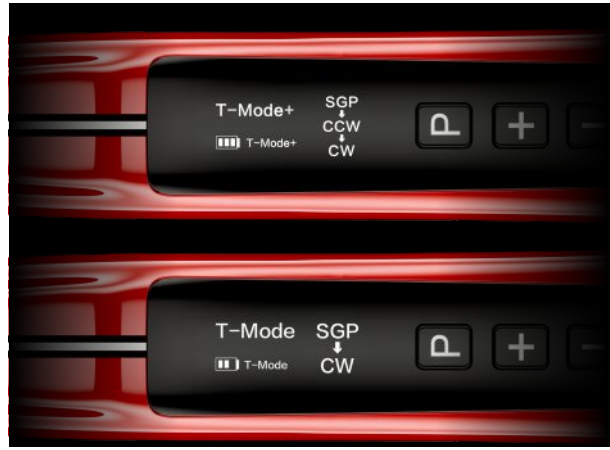


Prof. Dr. Yoshi Terauchi

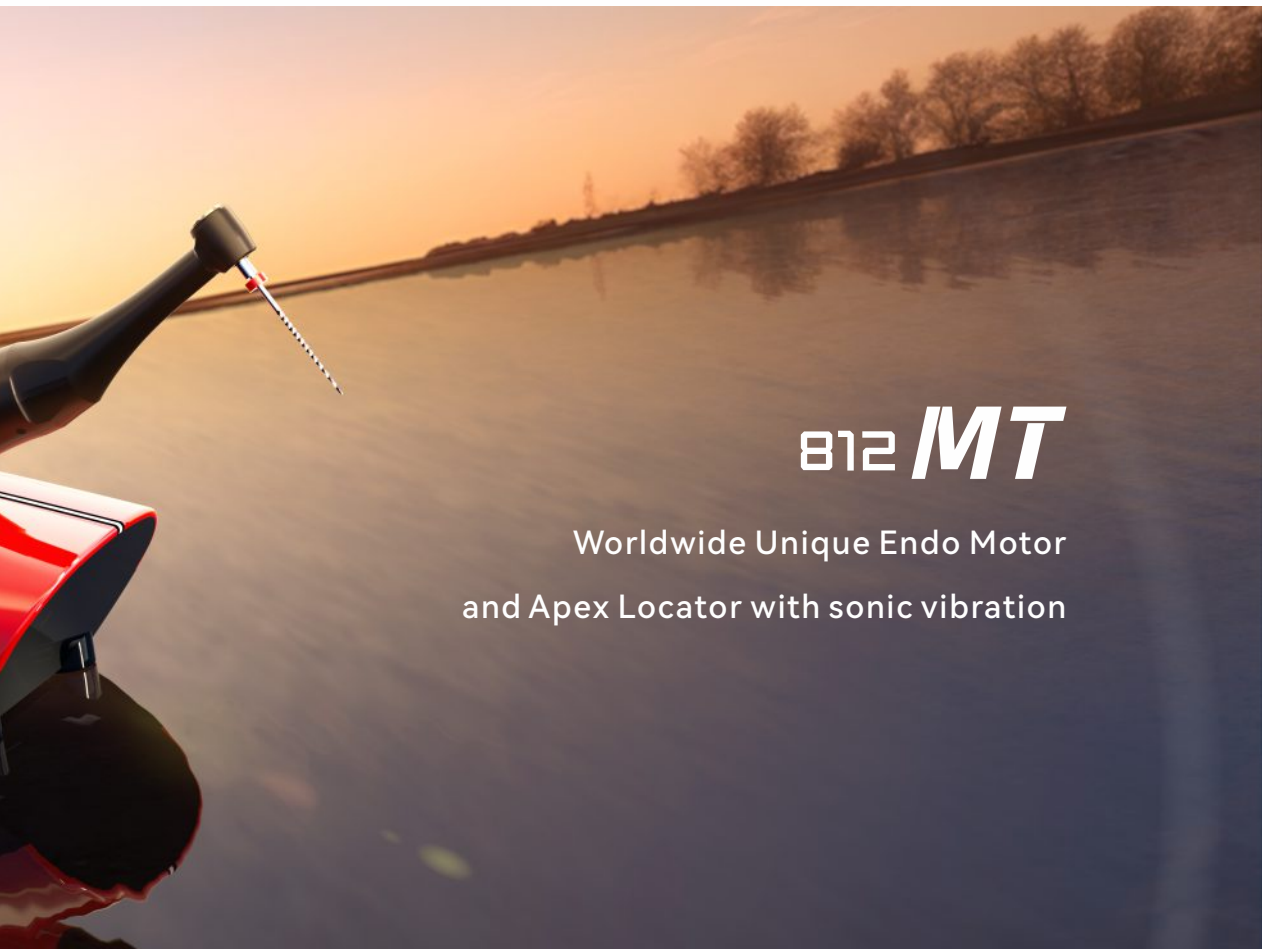
*Yoshi Terauchi*



Can be navigated by pressing “- & +” Buttons



12 programs on memory slot



# 812 *MT*

Worldwide Unique Endo Motor  
and Apex Locator with sonic vibration



Built in Apex Locator



Pre-set 5 systems

# WORLDWIDE UNIQUE ENDO MOTOR AND APEX LOCATOR WITH VIBRATION

## ROTATION + VIBRATION

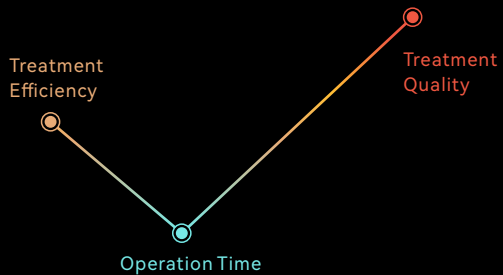
Two-pronged approach to assist  
MTA compaction.

\*Biofilm disruption by sonic instrumentation



## OUTSTANDING BENEFITS:

Higher Treatment Efficiency  
Shorter Treatment Time  
Better Treatment Quality



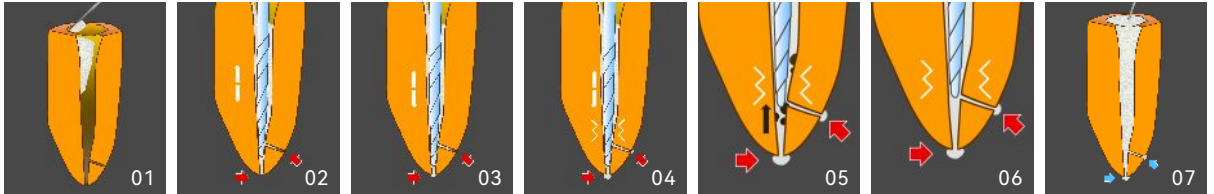
## THREE VIBRATION POWERS OPTIONAL



## IDEAL FILLING OF SMALL ANATOMICAL SPACES

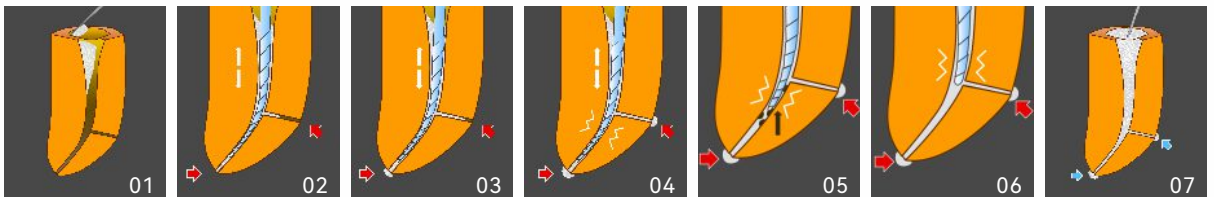
Comparison results: condensing MTA with T-Mode+ can achieve consistent filling of small anatomical spaces, no voids. Select a rotary file smaller than the apical preparation size as a condenser.

### Curvature < 30°:



01. Pre-op(Carry MTA into the canal with the MTA carrier).
02. Use 90° SGP at 100 r/min to 150 r/min to carry MTA to the apical foramen until EAL shows “APEX”.
03. Use CCW at 50-100 r/min with an up/down motion to condense MTA in the apical third upon reaching “APEX”.
04. 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”.
05. Use CW at 50-100 r/min to remove voids trapped in the apical third with sonics.
06. 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.
07. Complete MTA obturation with a plugger in the middle third or in the coronal third.

### Curvature ≥ 30° :



01. Pre-op (Carry MTA into the canal with the MTA carrier).
02. Use 90° SGP at 100 r/min to 150 r/min to carry MTA to the apical foramen until EAL shows “APEX”.
03. 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.)
04. 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”.
05. 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.)
06. 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.
07. 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/TR  
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

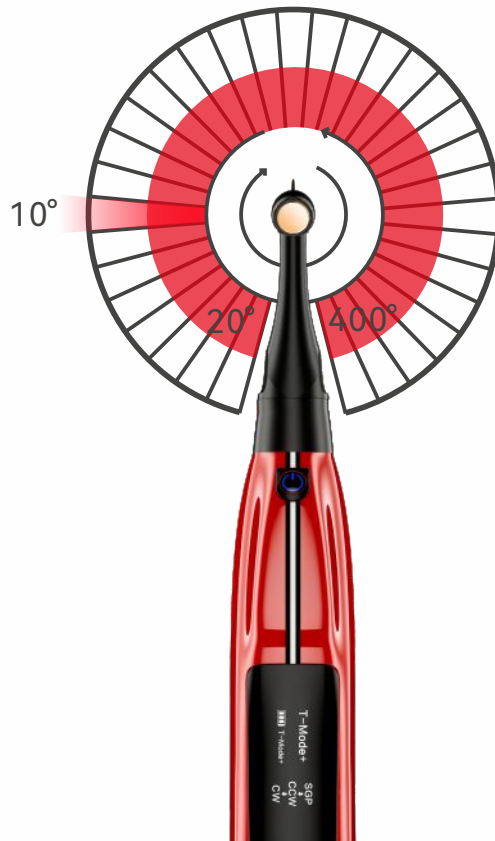


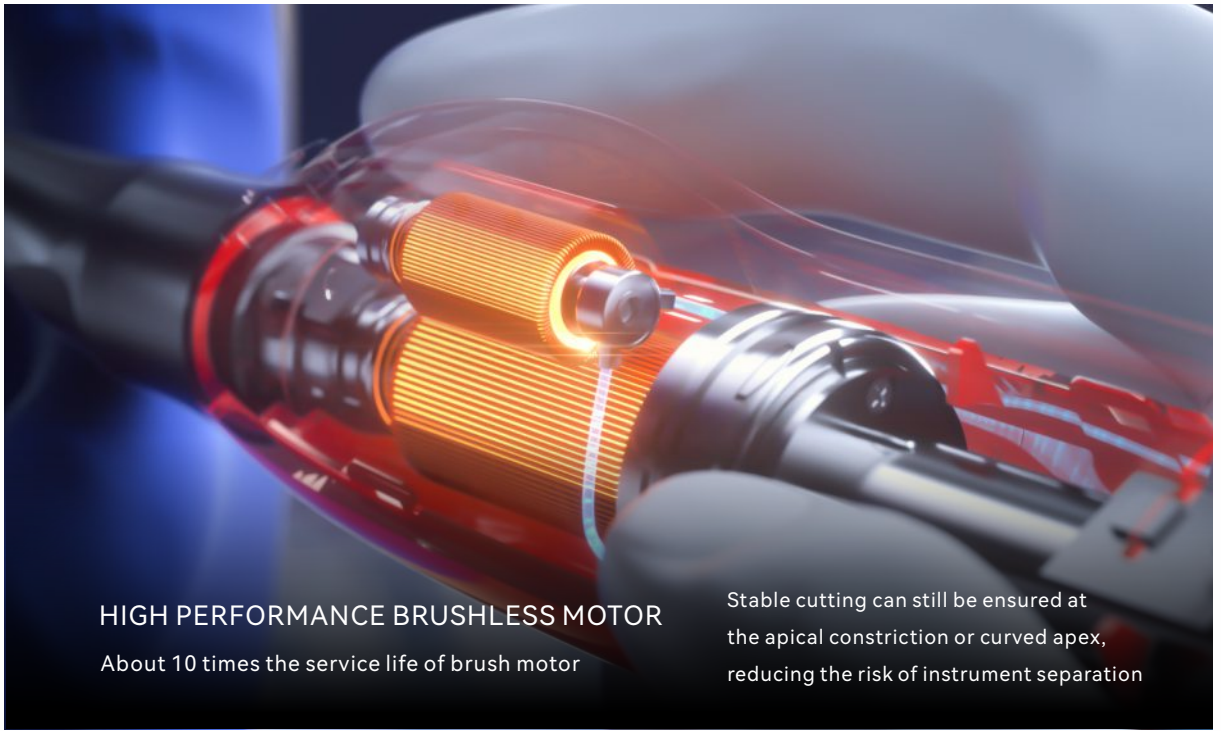
## Electronic Apex Locator mode

- Helps you determine root canal apex  
more quickly and accurately

## CUSTOMIZED RECIPROCATING ANGLE

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

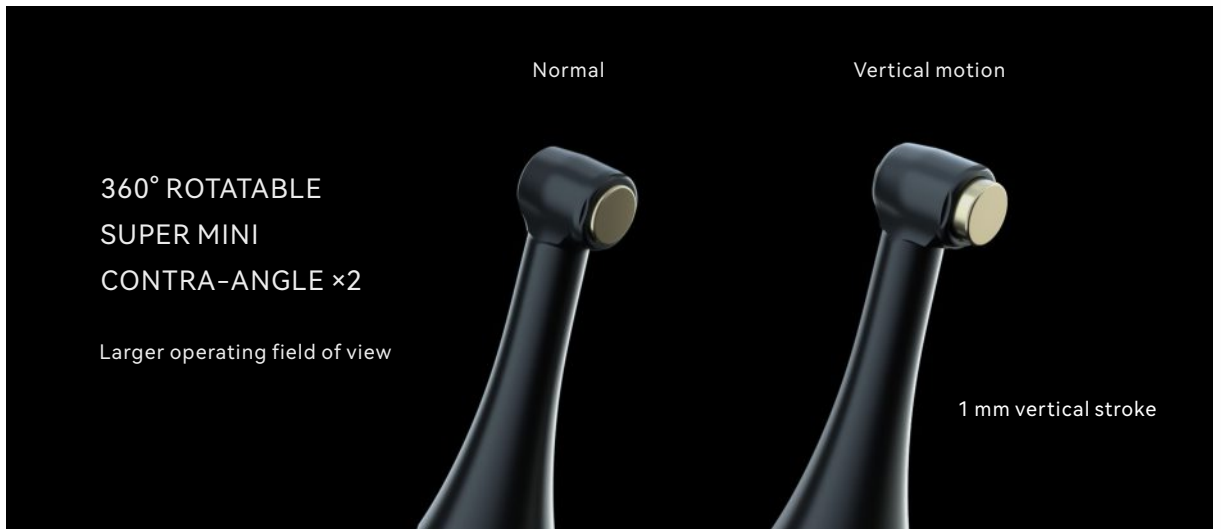




## HIGH PERFORMANCE BRUSHLESS MOTOR

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



Normal

Vertical motion

## 360° ROTATABLE SUPER MINI CONTRA-ANGLE ×2

Larger operating field of view

1 mm vertical stroke



Speed  
50-2500 r/min



Torque  
0.4-5.0 N·cm



Battery Capacity  
2000 mAh



Wireless  
Charging



Base\*2  
(either one)



Wireless Pedal  
X1



**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@glwoodpecker.com  
Website: <http://www.glwoodpecker.com>  
ZMN-XC-076

Scan and log on to website  
for more information



Find us on:



Find us on:



Find us on:

