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

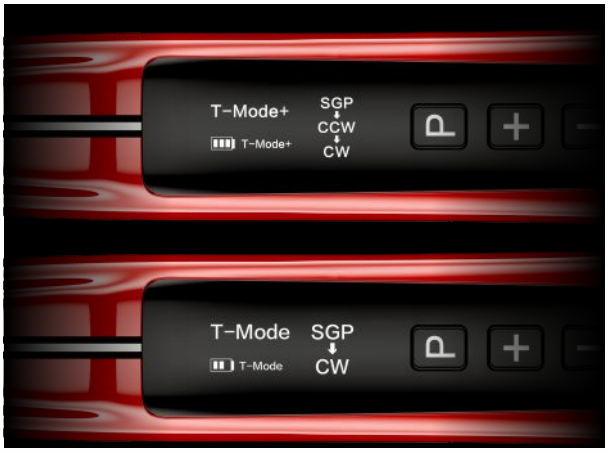
Prof. Dr. Yoshi Terauchi

Yoshi Terauchi

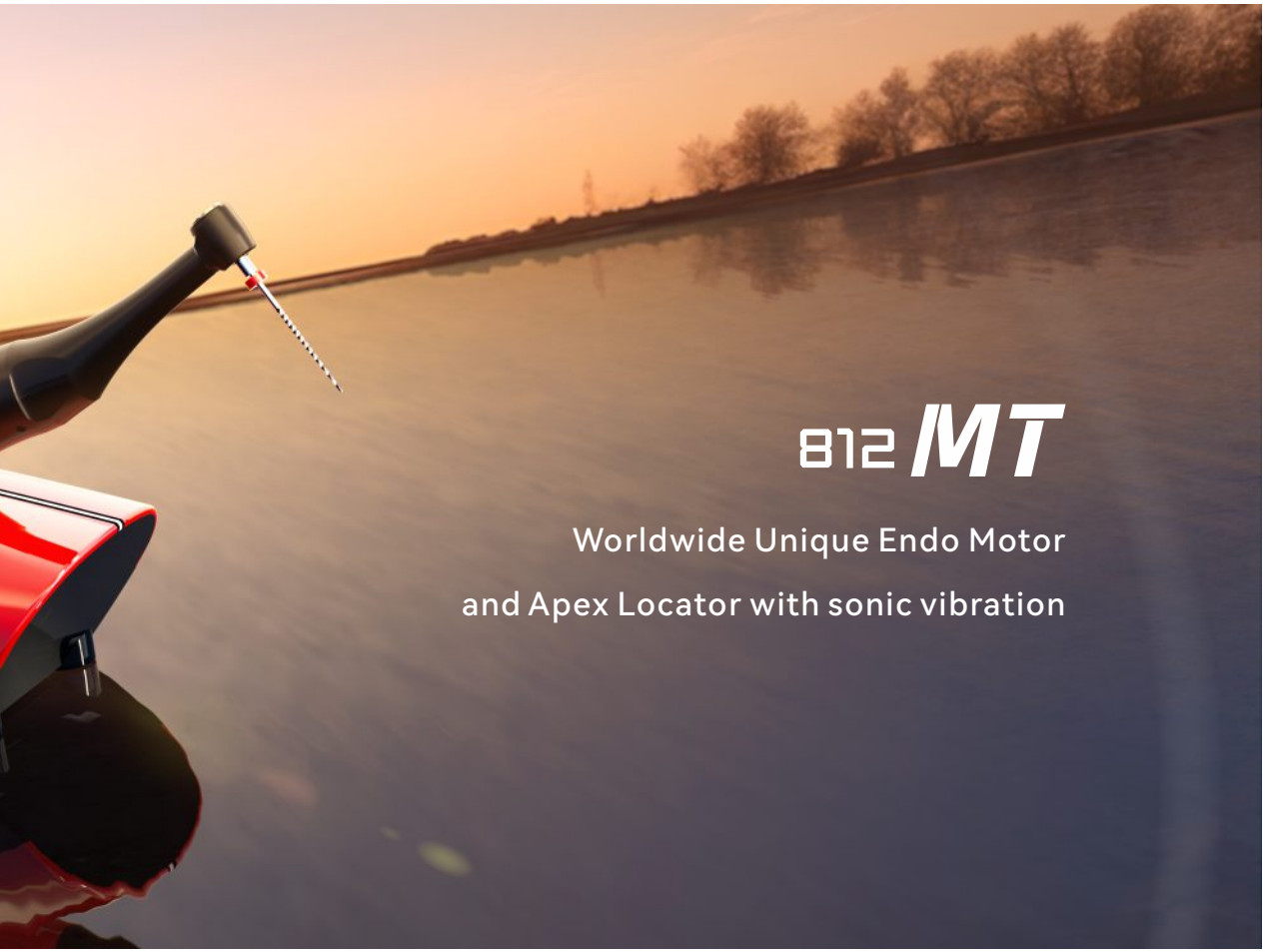


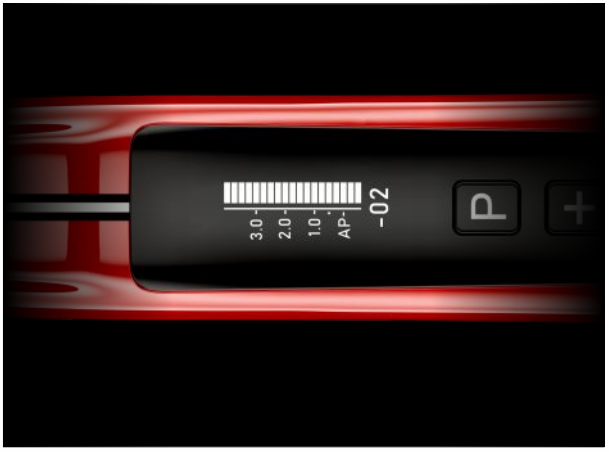


Can be navigated by pressing “- & +” Buttons



12 programs on memory slot





Built in Apex Locator



Pre-set 5 systems

WORLDWIDE UNIQUE ENDO MOTOR AND APEX LOCATOR WITH VIBRATION

ROTATION + VIBRATION

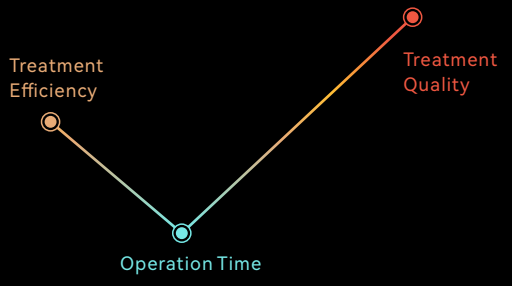
Two-pronged approach to assist
MTA compaction.

*Biofilm disruption by sonic instrumentation

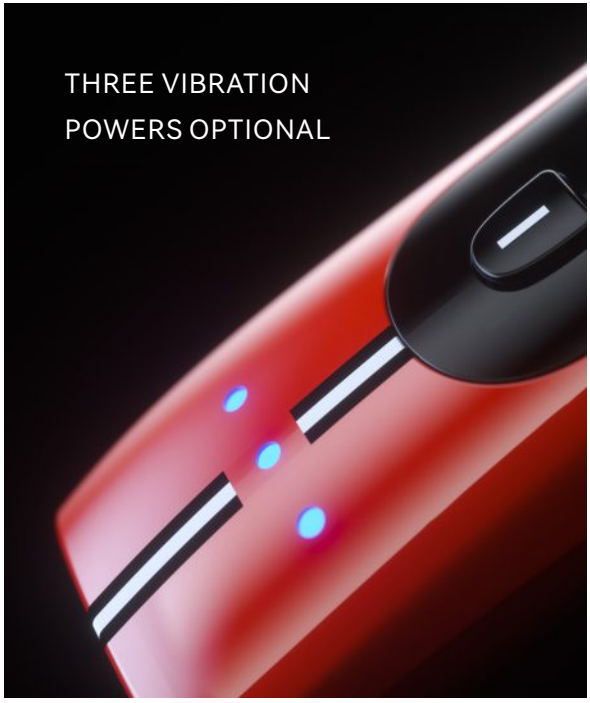


OUTSTANDING BENEFITS:

Higher Treatment Efficiency
Shorter Treatment Time
Better Treatment Quality



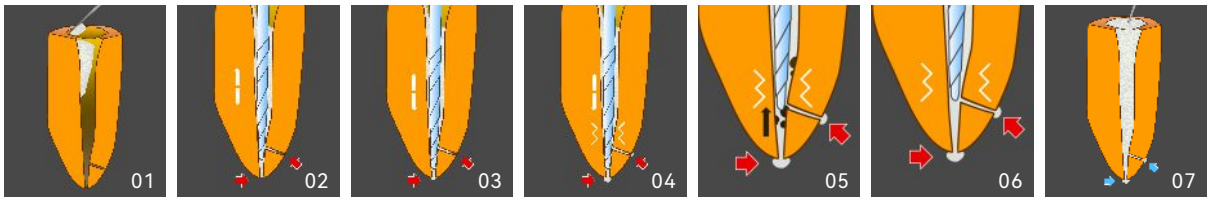
THREE VIBRATION POWERS OPTIONAL



IDEAL FILLING OF SMALL ANATOMICAL SPACES

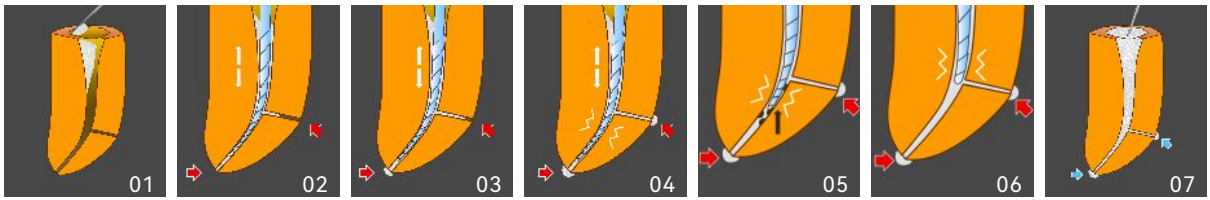
Comparison results: condensing MTA with T-Mode+ can achieve consistent filling of small anatomical spaces, no voids. Select a rotary file smaller than the apical preparation size as a condenser.

Curvature < 30°:



01. Pre-op(Carry MTA into the canal with the MTA carrier).
02. Use 90° SGP at 100 rpm to 150 rpm to carry MTA to the apical foramen until EAL shows “APEX”.
03. Use CCW at 50-100 rpm 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 rpm to remove voids trapped in the apical third with sonics.
06. Keep using CCW at 50-100 rpm 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 rpm to 150 rpm to carry MTA to the apical foramen until EAL shows “APEX”.
03. Use 50° CW / 380° CCW REC at 50-100 rpm 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 rpm 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 rpm 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/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

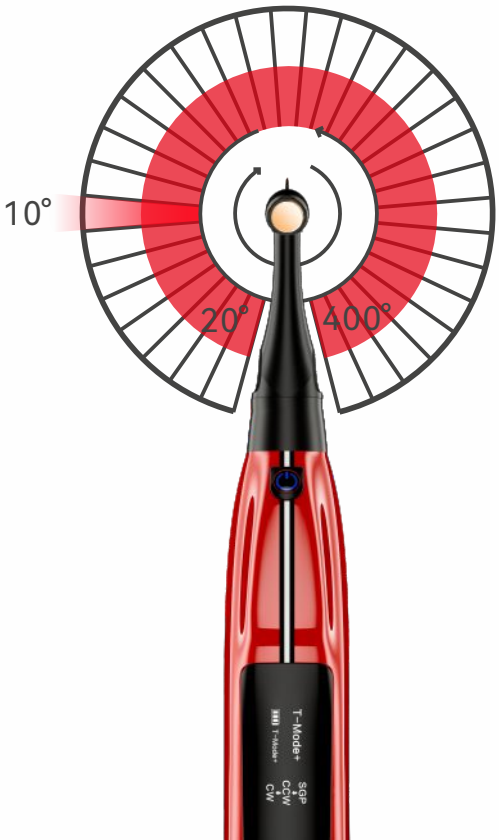


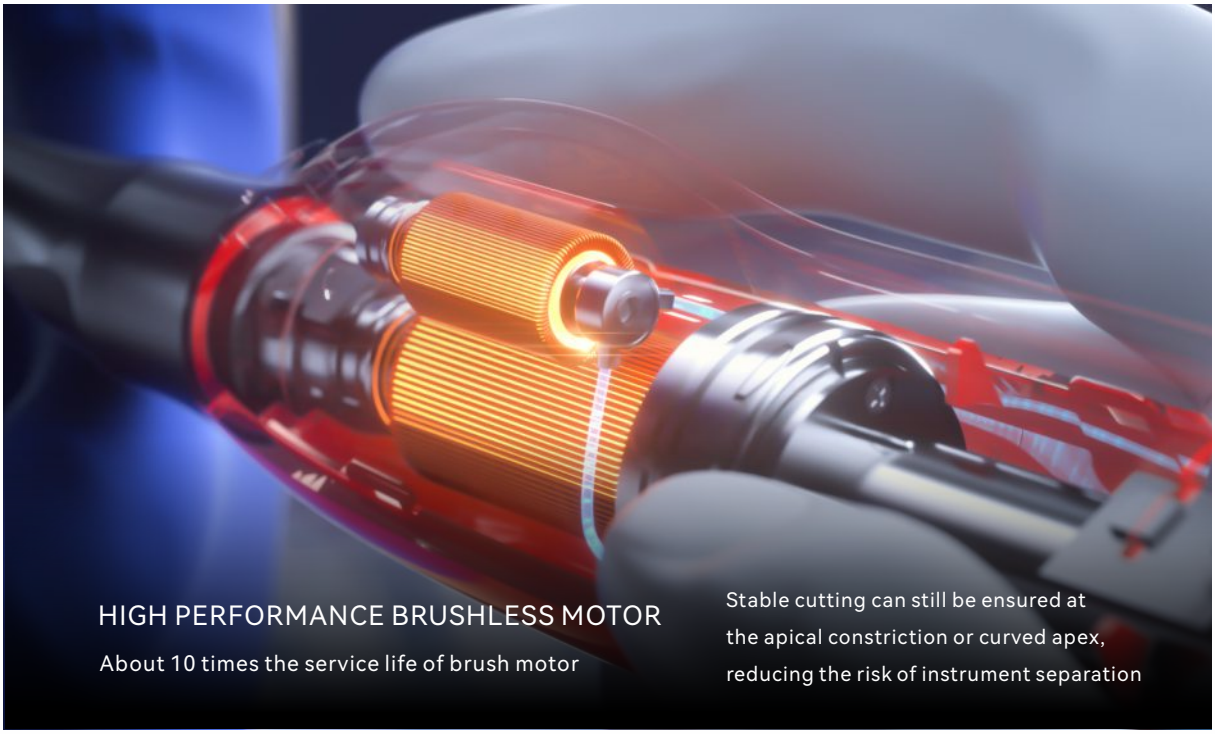
Electronic Apex Locator mode

Helps you determine root canal apex
more quickly and accurately

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

360° ROTATABLE SUPER MINI CONTRA-ANGLE ×2

Larger operating field of view



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

WOODPECKER®

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