

Yoshi Terauchi

Highly Recommended
by International Endodontist

Dr. Yoshi Terauchi

"The head of Ai-Motor is very small compared to other motors. You can change rotational modes, speed, and angles to your preference."



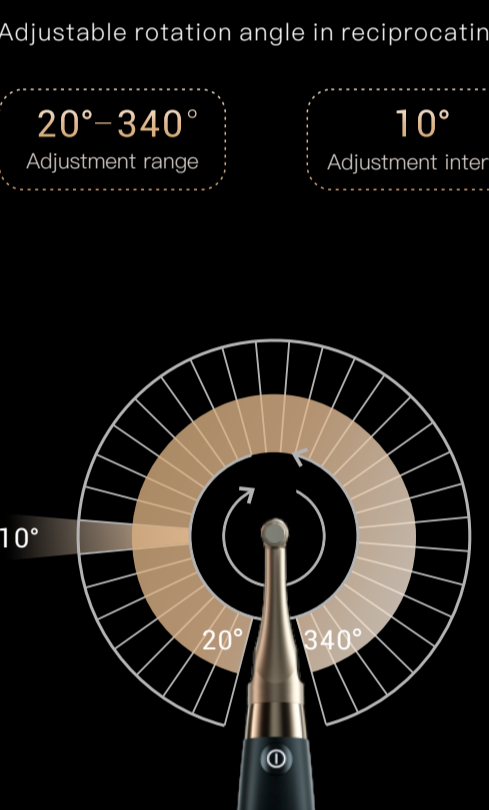
- Received DDS in 1993
- Completed residency at Tokyo Medical & Dental University in 1995, where he also received PhD from the Department of Endodontics
- Published several articles in peer-reviewed journals nationally and internationally
- Authored in several chapters in textbooks including the 11th and the 12th edition of "Pathways of the Pulp" and "Endodontics: the 6th edition of Principles and Practice"
- Lectured nationally and internationally and was exposed twice on National TV for modern endodontics

Dr. Yoshi Terauchi

Woodpecker Brushless Endo Motor

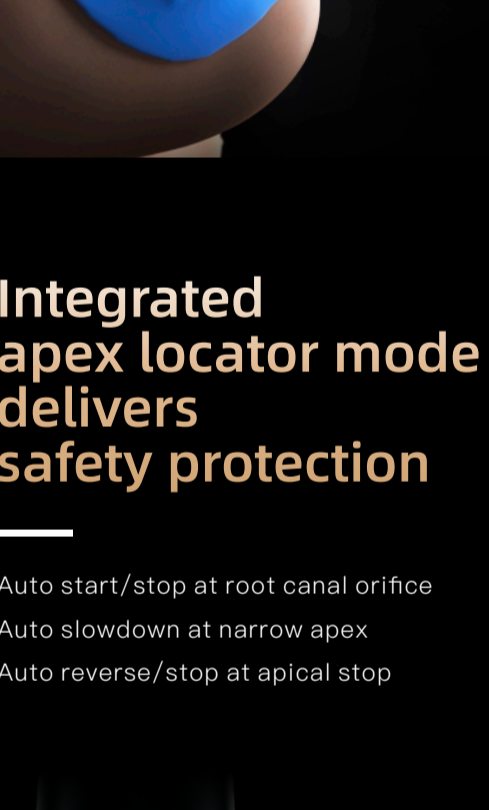
— Redesigned for Experts

Ai-Motor



Safe ledge bypassing

Perform "watch-winding" motion at a fixed 90° before the ledge is bypassed, and reciprocate at a fixed forward 180° and reverse 90° after the ledge is bypassed. The speed and torque can be adjusted within the range of 100–500RPM and 2.0–5.0Ncm respectively, enabling safer preparation.



Customized reciprocating angle

Adjustable rotation angle in reciprocating mode

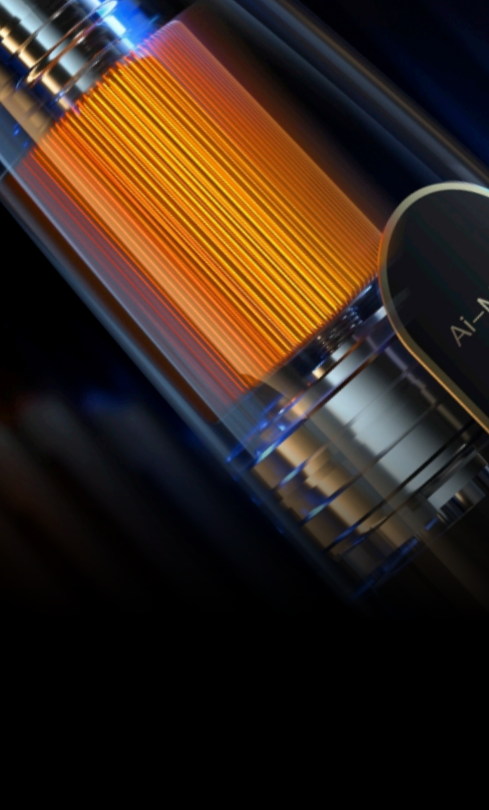
- 20°–340° Adjustment range
- 10° Adjustment interval



Mini contra-angle

Easier preparation of posterior teeth
Clearer and broader surgical field

- 8.0 mm Diameter
- 9.7 mm Height
- 360° Rotatable contra-angle



Integrated apex locator mode delivers safety protection

Auto start/stop at root canal orifice
Auto slowdown at narrow apex
Auto reverse/stop at apical stop



- Integrated apex locator mode
- Apex locator alone mode

Stable operation enables efficient preparation

High performance brushless motor

(about 10 times the service life of brush motor)
Stable cutting can still be ensured at the narrow or curved apex.

Reduce the risk of instrument separation and improve preparation efficiency.

Product parameters

Speed
100–2500rpm

Torque
0.4–5.0Ncm

Charging mode
Wireless charging

Battery capacity
2000mAh

Configuration

Measuring wire x2

File clip x8

Lip hook x4

Probe x4

