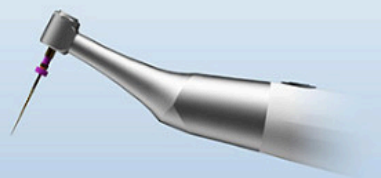


Lighter Feel, Mighty Real

NanoMotor

Brushless Endo Motor





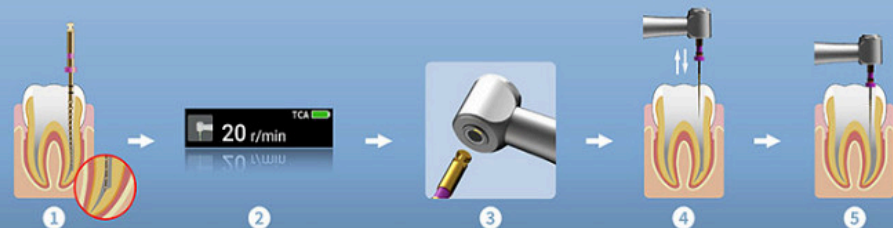
6:1 Dental Contra-angle Handpiece

- Mini Size, with 360° Free Rotation
- Model: E-SAM 6:1
- Size: $\phi 8 \times 9.9\text{mm}$

Innovative Modes

TCA (Tactile Controlled Activation) Mode

- After manually exploring the canal to the maximum accessible depth, activate TCA mode to quickly connect the file handle to the motor
- TCA mode preserves clinical judgment while enhancing preparation efficiency. Especially effective for the preparation of curved and complex canals and for bypassing ledges



Step 1. Guided by tactile feedback, insert the pre-bent file into the root canal to its maximum reachable depth

Step 2. Activate TCA mode (selectable speed: 40 r/min, 20 r/min, or 10 r/min)

Step 3. Static or dynamic connection of motor and file, allowing the file to advance toward the apex
Quick Connection: Align the yellow mark with the flat notch on the file shank

Step 4. Upon encountering resistance, immediately remove the file from the canal and perform cleaning

Step 5. Insert the file into the canal again, repeating this cycle until the file can be inserted to the working length in a static state

ARC (Adaptive Reciprocation) Mode

- Combining real-time torque feedback, it intelligently adjusts the reverse angle to optimize preparation efficiency while ensuring safety. Larger cutting angles under low resistance, smaller cutting angles under high resistance

Intelligent color indicators for speed, torque, and angle parameters

- Built-in support for mainstream rotary file systems

Rotary files parameter color (Taking E-FLEX GOLD as an example)

Original setting	Lower than original setting	Higher than original setting

Reciprocating files parameter color (Taking E-FLEX REC as an example)

Original setting	Lower than original setting	Higher than original setting



95g Ultra-Light Ergonomic Handpiece
(including dental contra-angle handpiece)



Powerful Torque Meets Ultra-High Speed



Advanced Brushless Motor, Less Reciprocal Vibration



Supports Simultaneous Measuring and Preparation
When Connected to Eighteeth FindPex or E-Pex
(requires corresponding model of apex locator measuring wire)



Technical Specifications

Speed Range	10-3000 r/min, M1-M9 mode: 50-3000 r/min, TCA mode: 10, 20, 40 r/min	Torque Range	0.5-5.0 N·cm
		Memory Programs	9(M1-M9)
ARC Mode Speed Range	100-400r/min	Dental Contra-angle Handpiece	E-SAM 6:1
ARC Mode CCW Angle Range	120°- 400°	ARC Mode CW Angle Range	20°- 400°
Operation Mode	6(TCA, ARC, ATC, REC, FWD, REV)	REC Mode CW & CCW Angle Range	20°- 400°



Standard Configuration

E-SAM 6:1 dental contra-angle handpiece *1	Motor handpiece *1	Handpiece base *1
Insulating sleeve *1	Spray nozzle *1	Adapter *1

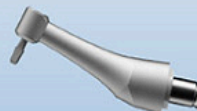
Optional Contra Angles



E-CAS 1:1 Contra Angle

- Sonic Irrigation & Sealer Introduction
- Comes with 20 sterilizable medical-grade tips

*Optional. Contact Eighteenth distributor to purchase



E-CAP 1:1 Contra Angle

- Tooth Polishing

- Contra angle size: $\phi 8.5 \times 10.2$ mm

*Optional. Contact Eighteenth distributor to purchase



Sonic Irrigation Mode

- High-frequency vibration drives rapid fluid exchange, effectively flushing out smear layers and debris. Flexible polymer material tips for enhanced root canal adaptation, reduces ledge formation

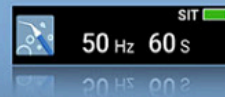
- Working frequency: 50-300Hz
- Work time: 15-90s



Tooth Polishing Mode

- Cordless polishing-portable to use, consistently stable, and reliably effective
- Adaptable to mainstream metal-handled polishing cups on the market

- Tooth polishing speed range: 300-18000r/min
- Tooth polishing motion form: Fwd/ Rev



Sealer Introduction Mode

- Facilitate the introduction of sealer by eliminates apical vapor lock, improving the filling density of root canal obturation, and minimizing void formation

- Working frequency: 50-300Hz
- Work time: 15-90s