




i Mate3


Model name: Ai Mate-I


Endo Motor

 360° mini contra-angle with patent

 Brushless motor,Stabler rpm,higher torque

 Speed 100-1000 (rpm)
Torque 0.2-5.0 (N.cm)

 9 programs can be set on Ni-Ti rotary file

 L&R Dominant hand shift



Product parameters

Adapter:

input voltage: A C 220V 50/60Hz

Output voltage: D C 5V Output current: 1A

Speed ratio: 6:1

Speed: 100-1000rpm

Torque: 0.2-5.0N.cm

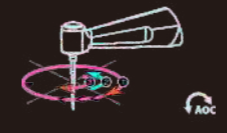
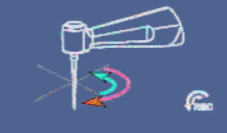

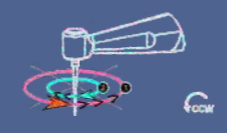
Battery Capacity: 2000mAh

Reciprocate angle: 30-370°

Charging time: <2h



Working Mode

	AOC	<p>After starting, the file needle rotates 360° clockwise (①) When the torque reaches the set torque, run the rotation action according to the set Angle (②/③); Resume clockwise rotation when torque is less than the set value (①). Only clockwise rotation angle can be set, and counterclockwise rotation angle is half of clockwise rotation angle.</p>
	REC	<p>After starting, the file needle operates according to the set speed and reciprocating Angle. The maximum torque is not adjustable by default, the forward reciprocation and reverse reciprocation are realized by setting the Angle. Reciprocating motion file is recommended.</p>
	CW	<p>After starting, the file needle rotates 360° clockwise (①); When the torque point action is set to "reverse", the buzzer will prompt when the torque is set, and the motor will rotate counterclockwise (②); Rotate clockwise when torque is removed (①); The torque point action is set to "stop", and the motor will stop rotating when the torque is set.</p>
	CCW	<p>After starting, the file needle rotates 360° counterclockwise (①); When the torque point action is set to "reverse", the buzzer will prompt when the torque is set, and the motor will rotate clockwise (②); Counterclockwise rotation will resume after torque is removed (①); The torque point action is set to "stop", and the motor will stop rotating when the torque is set.</p>

Ai-Mate

Model name: Ai Mate-II

Intelligent endo motor

- Black and white collocation, mature and steady
- Multifunction with simple operation
- Optimized algorithm , intelligent made

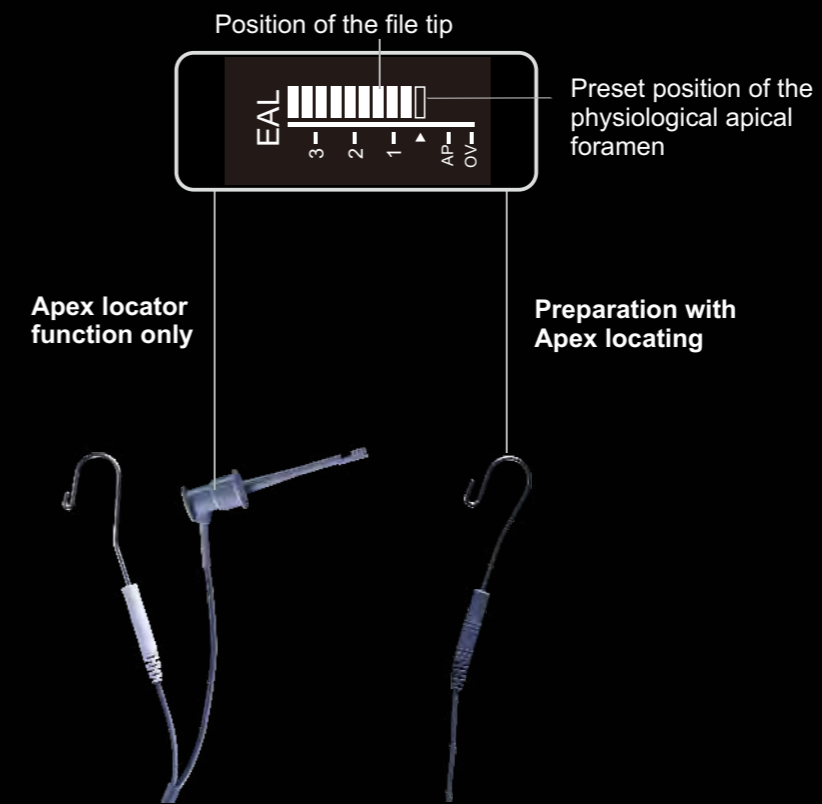


ACC Mode

Ai-mate with the most advanced self-adaptive algorithms, you can do the preparation without setting, auto-optimized direction, speed and angle make efficiency & safety come true.

2 in 1 endo device

No need to shift the program when using double probe cord or single probe cord



Brushless motor

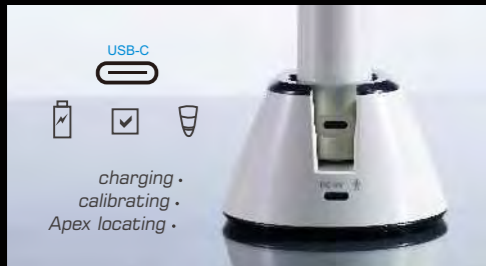
Stabler rpm, higher torque
Lower noise with longer durability



Patented damping design
360° rotation with 30° interval

360° mini contra-angle with patent

Facilitate more operable teeth positions, avoid losing after frequent use



USB-C

charging ·
calibrating ·
Apex locating ·

USB-C

Charging, calibrating and apex locating all in one



Dominant hand shift

Product parameters

Speed	100-1000rpm
Torque	0.2-5.0N.cm
Battery Capacity	2000mAh
Reciprocate angle	30-370°
Charging time	<2h

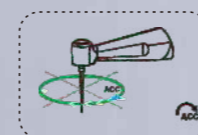
Brand-new preparation with unique algorithm in AI era

No selection is the best choice

Adaptive cruise control,
No need any settings

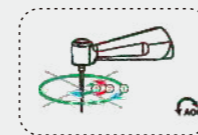


Operation Mode



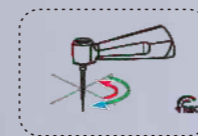
Adaptive Cruise Control

Adaptive algorithms are applied to this operation mode. The real time speed and torque load will be auto-optimized during the actual root canal preparation to minimize the risk of instrument broken.



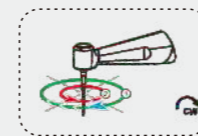
Auto Oscillation Control

Continuous forward rotation normally, but when the load on the file exceeds the set limit, the file automatically oscillates alternately between forward 240° and reverse 120° (P6 default setting, only forward angle can be set), and rotates forward when the load on the file releases.



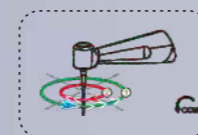
Reciprocation

Reciprocating with pre-set speed, angle, as well as default torque.
Note: counterclockwise 150°+ clockwise 30° is default.
One file recommended.



Clockwise Mode

The motor rotates forward 360°
Reverse: when the load on the file exceeds the set limit, beep sounds continuously, the file automatically reverses, and rotates forward when the load on the file releases.
Stop: the file stops when the load on the file exceeds the set limit.



Counterclockwise Mode

The motor counterclockwise rotates 360°
Reverse: when the load on the file exceeds the set limit, beep sounds continuously, the file automatically rotates clockwise, and back to previous rotate direction when the load on the file releases.
Stop: the file stops when the load on the file exceeds the set limit.