

EDGEAPEX HP™

Quick Start Programming Guide

Powering the Handpiece

To Activate:

- Press the blue power button located near the head of the handpiece

To Deactivate:

- Simultaneously hold the “P” (Program) button and press the blue power button

Note: To access Advanced Customization menu settings while the handpiece is in the off position, hold the P button and power on.

Utilizing Pre-Programmed EdgeEndo Settings

- Top EdgeEndo File systems are pre-programmed and can be selected to display in the Top 5 preprogrammed menu slots from the main menu
- Press and hold P button to open Pre-Programmed File System options
- Use the “+” and “-” buttons to navigate through the available File Systems

File System	Level	Speed	Torque	Reciprocation
EdgeFile® X7	Basic	300RPM	2.9N-cm	
EdgeFile® X7	Advanced	450RPM	2.9N-cm	
EdgeTaper™ & EdgeTaper Platinum™	Basic	300RPM	4.0N-cm	
EdgeTaper Platinum™	Advanced	400RPM	4.0N-cm	
EdgeSequel Sapphire™		500RPM	4.0N-cm	
EdgeOne Fire™	A - Maximum Safety			150/60 (CCW/CW)
EdgeOne Fire™	B - Maximum Efficiency			180/70 (CCW/CW)
EdgeOne Fire™	C - Intelligent Reciprocation*			150/30 (CCW/CW)

* Will only reciprocate when torque limit is met (300RPM/0.4Ncm)

- Highlight desired File System name
- Confirm by pressing the blue power button
- File system name will be displayed in top left hand corner of LED screen

Memory Settings

Programming Custom Memory Settings (Memory Slots 0–9):

- Use the “+” and “-” buttons to navigate through memory options
- Memory 0 – Manual file measurement only (non-programmable)
- Memory 1–9 – Fully customizable (speed, torque, mode)

Custom Programming (Memory 1–9 Only)

Enter Programming Mode:

- Select a memory slot (1–9)
- Press the **P** button to begin programming

Choose Operation Mode:

Navigate through available options using “+” / “-”:

- **SGP** – Standardized Glide Path Mode
- **CCW** – Counterclockwise
- **CW** – Clockwise (Standard Rotation)
- **EAL** – Electronic Apex Locator
- **CCW-ATR** – Adaptive Reverse (starts with a continuous CCW motion will begin reverse reciprocation when torque limit is met)
- **CW-ATR** – Adaptive Reverse (starts with a continuous CW motion will begin forward reciprocation when torque limit is met)
- Press **P** to confirm

Parameter Configuration

Speed Selection:

- Use “+” / “-” to set speed (100–2500 RPM, varies by mode)
 - Example: 500 RPM
- Press **P** to confirm

Torque Adjustment:

- Adjust torque according to selected speed
 - Example at 500 RPM: Max 4.5 N·cm
- Press **P** to confirm

Automation Preferences

Apical Action Settings:

- Available actions:
 - **Off** – No action at apex
 - **Reverse** – Reverses at apex
 - **Stop** – Stops at apex
- Use “+” / “-” to choose
 - Press **P** to confirm

Auto Start / Stop*:

- Toggle ON/OFF with “+” / “-”:
 - Auto Start ON – Motor engages when file enters canal
 - Auto Stop ON – Motor stops upon file exit
- Press **P** to confirm

* Auto Stop only functions if Auto Start is enabled

Working Length Settings

Flash Bar Indicator:

- Set desired position using “+” / “-”
 - Default: 0.5 mm before apex
- Press **P** to confirm

Apical Slow Down (Optional):

- Select:
 - **ON** – Gradual speed reduction near apex
 - **OFF** – No speed change
- Press **P** to confirm

Finalizing Your Settings

- To save and apply all changes press the blue power button once



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Have Questions? Give us a call:

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