



# E-connect S

Endomotor With Built-in Apex Locator



**Torque Calibration**  
For precise torque output



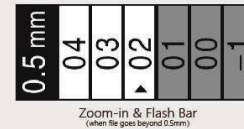
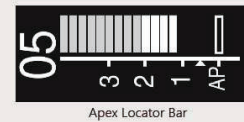
**OLED Screen**  
Digital OLED Display



**Ambidextrous Display**  
Screen can be rotated as per  
Left or right hand use



**Powerful Battery**  
Heavy duty 1500mAh  
Lithium battery



## APEX LOCATOR

- **Apical control with rotary instruments**  
Position of file is displayed on screen and the motor rotates in reverse direction when file reaches pre-set apical working length, to prevent over instrumentation
- **Manual canal measurement**  
Manual file clip can be used to measure canals precisely with hand files
- **Multi frequency technology with high accuracy & precision**
- **Apex locator flash bar with zoom-in function**

## Working Modes:

**FWD** - Clockwise Continuous Rotation

**REV** - Anti-clockwise Continuous Rotation

**REC** - Reciprocation Movement

First-in-class cordless open motor with adjustable angles of rotation ranging from 30° to 370° for reciprocation as per user's need

First-in-class feature of speed adjustment in reciprocation mode

**ATC** - Adaptive Torque Control

ATC manages the file stress in a smart way. When torque limit is reached, instead of going into reverse mode, motor reciprocates till the stress is reduced. Once back to below pre-set torque level, file will again rotate in continuous rotation

## Integrated mode features:

- **Auto Start & Stop** - Motor starts working when the file enters inside root canal, and stops when withdrawn
- **Apical Reverse** - When the file reaches pre-set apical reverse point, user can define whether the file starts moving in reverse direction
- **Apical Slow Down** - To preserve the cemento-dentinal junction and avoid file separation, speed of motor slows down when file is in apical region

## Specifications:

Rotational Speed Range : 120-1000 rpm  
Torque Range : 0.5-4.0 N.cm  
Memory Programs : 11 (M0 to M10)  
Battery Capacity : 1500 mAh