

APEX POINTER™ +

High Technology Apex Locator



*We invent,
you succeed!*

Electronic apex locator applying the latest 21st century high frequency and constant current amplitude technologies, APEX POINTER™+ provides accurate, precise and repeatable root canal length measurements in dry and humid canals.

Single high frequency + constant current amplitude:

- High precision.
- Unconditional stability.

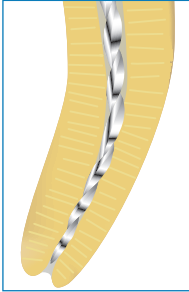
Advantages

- Easy to operate.
- Rapid: APEX POINTER™+ requires no calibration and is ready to use immediately after self test has elapsed.
- Accurate, reliable and instant measurement whatever the canal anatomy.
- The measurement is independent of canal conditions: dry, humid, with blood, saline, hypochlorite, or other liquids.
- Large intuitive liquid crystal display (LCD) indicating gradual progress of the file, increasing accuracy and resolution when approaching the apical constriction.
- Stable canal length readings.
- The displayed values are directly related to the file tip location in the canal and to its distance from the apical constriction and the apex (foramen).



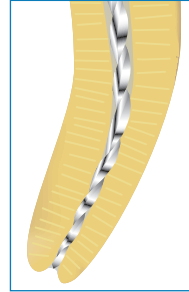
Indications of the file position are as follows:

1 Pre-apical zone



Carefully insert the file into the canal. The V shaped scale lines indicate the location of the file tip with respect to the apical constriction and the apex.

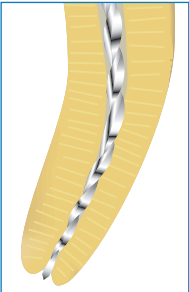
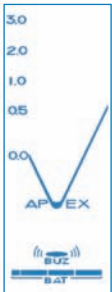
2 Apical constriction zone



Between the apical constriction and the apex the scale is divided into 5 segments. Inserting the file deeper will increase beep sensitivity.

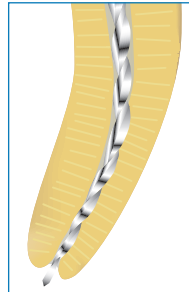
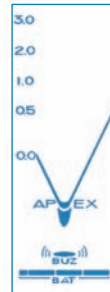
Towards the bottom of the scale, one segment has a clear round spot. This means a reading of 0.5 and indicates the apical constriction.

3 Apical zone



When the apex is reached the V line marked with 0.0 starts to flash and an intermittent beep starts to alert the dentist.

4 File beyond the apex



When the apex is intruded an extra indication below the word APEX starts also to flash and the beep becomes continuous.

Characteristics

- Compact, light weight and wireless.
- Changing beep frequencies to indicate the distance from apex between the apical constriction and apex.
- Autoclavable electrodes.
- Electronic current limiter guarantees patient's safety.
- Auto test feature.
- Low power consumption and automatic power off ensures prolonged battery life.

MICRO-MEGA[®]'s products

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R-Endo[®] InGeT[®]

HERO Shaper[®] InGeT[®]

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