

APEX LOCATOR MARKET FAQs

Q: How can an apex locator improve my practice?

A: Utilizing an accurate and reliable apex locator will result in accurate working length measurements, leading to reduced complications like apical perforations.

Q: How accurate and reliable is an apex locator?

A: Studies have shown that multifrequency-based apex locators locate the apical foramen with 95–98% accuracy.

Q: How accurate is an apex locator when compared to X-rays?

A: Traditionally, radiography has been the most used method in obtaining information on the anatomy of the root canal and its surrounding tissues. However, the working length measurement performed radiographically presents several limitations, namely radiation exposure, time expenditure, and difficulty of interpretation because it is a two-dimensional image that is often overlapped with anatomic structures and is subject to the interpretation of the observer. These limitations contribute to the low 25–40% accuracy of X-rays when locating the apical foramen.

Martins JN, Marques D, Mata A, Caramês J. Clinical efficacy of electronic apex locators: systematic review. *J Endod.* 2014;40(6):759-777.

Q: How much does an apex locator typically cost?

A: Typically apex locators cost less than \$1,000.

Q: Will an apex locator make my practice better?

A: A quality apex locator will save you time and money by helping you easily and accurately determine the proper working length, which mitigates complications and reduces the number of retreatments you experience. “Undoubtedly, over-instrumentation reduces the success rate of endodontic treatment.”¹

1. Jung-Hong Ha, Sang-Shin Park. Influence of glide path on the screw-in effect and torque of nickel-titanium rotary files in simulated resin root canals. *Restor Dent Endod.* 2012;37(4):215–9.

Q: Where do I find more information about the FIND apex locator?

A: Call 800.552.5512 or visit ultradent.com for more information.

ENDO-EZE® FIND[™] APEX LOCATOR FAQs



Q: How accurate and reliable is FIND when compared to more established brands?

A: FIND is based on a patented, multifrequency-based technology, making the accuracy unsurpassed.

Q: How complicated is it to operate? Do I have to calibrate the device and perform other technical tasks to operate it?

A: FIND is easy to use and does not need calibration. It provides quick feedback to assure that the multifrequency is operating properly.

Q: How is it powered, and does it need an expensive customized battery?

A: FIND utilizes a standard AAA battery.

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