

Apex•NRGXFR™

Xtra Fine Resolution Apex Locator



For the first time, an innovative technology enables you to improve performance of root canal treatments while controlling the entire process - technology with digital accuracy. The ApexNRG-XFR overcomes typical weaknesses in root canal treatments: The uncertainty of the exact file location in the root canal; concern about perforation of periapical tissue; and the patient's exposure to unnecessary and excessive x-rays.

Using the ApexNRG-XFR with digital technology, a maximal indication of the file location is displayed, with a measuring tolerance of 0.1 mm. The root canal is optimally cleaned right up to the apical constriction, without any fear of perforation of the periapical tissue.

Studies show that a successful root canal treatment is directly dependent on the quality of the cleansing of the root canal. Therefore, the accuracy and reliability in pinpointing the working length in the range of 0.5-0.0 mm is of utmost importance. Using the ApexNRG-XFR will significantly increase the success rate of root canal treatments as compared with use of comparative analog devices having a measuring tolerance of only 0.5 mm or reliance solely on x-rays.

User Friendly Features

Xtra Fine Resolution for maximum control of the procedure. The file's progress is marked by 8 LEDs distributed every 0.25 millimeter, showing the length of the root canal clearly and directly on the user friendly display.

The only apex locator which can accurately locate the apical constriction in changing canal conditions, including dry, wet and bleeding canals, through unique automatic adjustment of the measurement current.

MedicNRG's apex locators automatically calibrate, as opposed to comparable devices which need to be manually recalibrated from time to time.

Placement near patient's mouth, within your line of vision, allowing you to easily and comfortably follow the progress of the file on-line.

Audible alarm - When the file reaches the 0.5 mm mark, an audible alarm sounds, changing pitch and frequency as the file approaches the apical constriction. This allows you to keep your eyes on the patient and the procedure - there is no need to keep looking at the device.

Short cables prevent external EMI distortions that can occur in weak and sensitive signals that are typical of long cables.

This compact instrument (36 grams) is easy to store and easy to manipulate during treatments.

Fully autoclavable accessories including a double set of cables, lip hooks, apron clasps, as well as a sensor probe and exclusive mini file holders.

The device can be turned on by simply touching the file to the lip hook - no need to press the 'ON' button. Automatic shut-off.

Easily replaceable battery (MedicNRG's drawer system) and a long working life.

Guarantee: The only apex locator in the world with a full 36 month manufacturer's warranty.

DSP Technology & Benefits

Advanced digital technology based on proprietary firmware decodes the signals returning from the root canal as a result of the electric stimulus sent towards the apical constriction.

MedicNRG's proprietary algorithm continuously translates the data received via micro-electrical signals, refreshing the display constantly so that each minute movement of the file is read on-line. The specially designed warning system prevents the registration of inaccurate information that might impair treatment, increasing the XFR's reliability.



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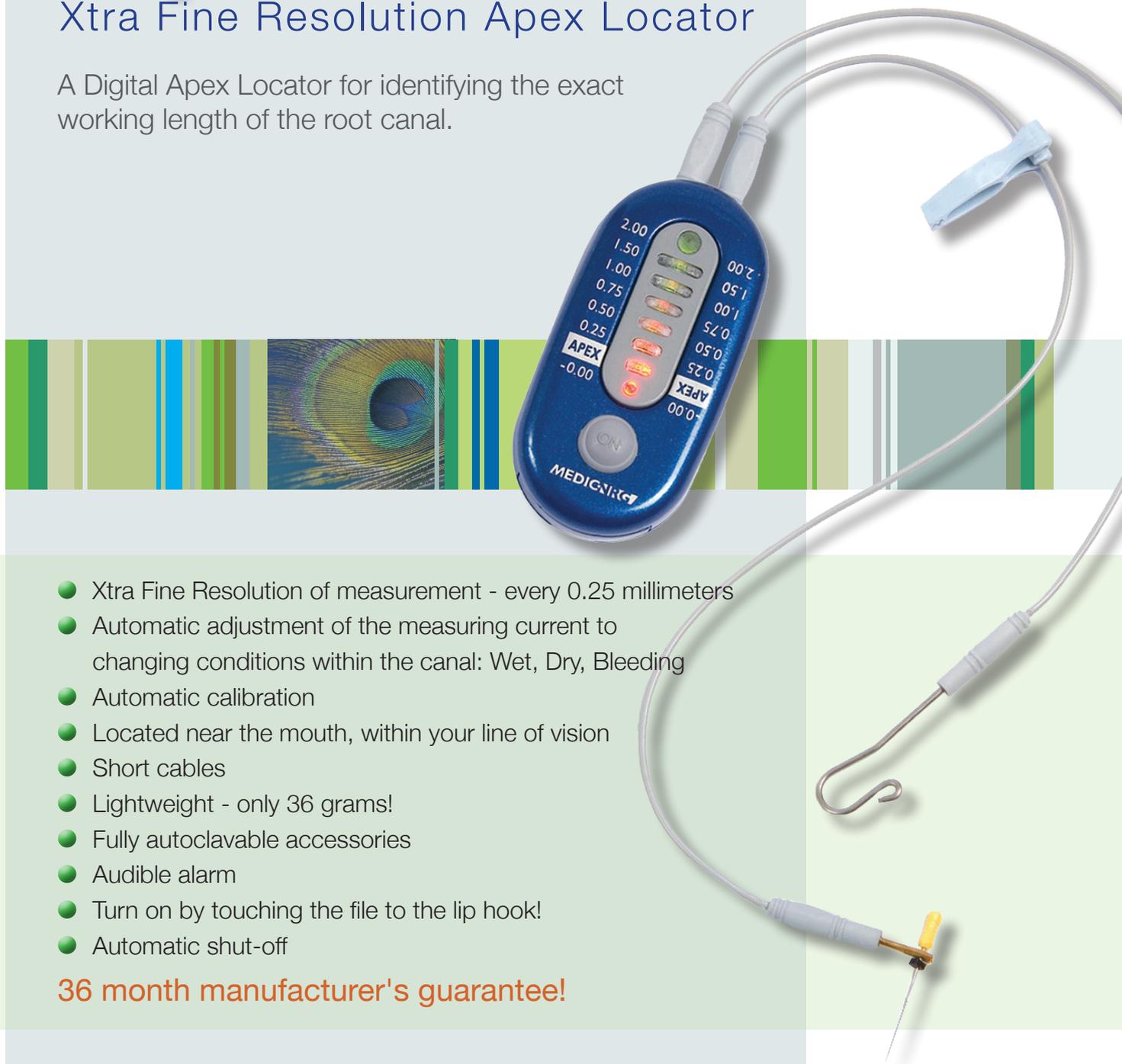
MEDICNRG™
Precise Endo Technology

The innovative Digital Signal Processing technology and the unique software developed by MedicNRG provides you with the most accurate, the most precise and the most reliable device.

Apex•NRGXFR™

Xtra Fine Resolution Apex Locator

A Digital Apex Locator for identifying the exact working length of the root canal.



- Xtra Fine Resolution of measurement - every 0.25 millimeters
- Automatic adjustment of the measuring current to changing conditions within the canal: Wet, Dry, Bleeding
- Automatic calibration
- Located near the mouth, within your line of vision
- Short cables
- Lightweight - only 36 grams!
- Fully autoclavable accessories
- Audible alarm
- Turn on by touching the file to the lip hook!
- Automatic shut-off

36 month manufacturer's guarantee!

MEDICNRG™
Precise Endo Technology

Optimizing Your Endo Performance