

# Apex•NRGBLUE™

with Bluetooth Wireless Technology



Based on the success of the ApexNRG-XFR, MedicNRG is proud to present you with an advanced apex locator system to enable you to monitor and record patient histories. The ApexNRG-Blue integrates the popular Bluetooth Wireless Technology with MedicNRG's reliable and accurate measurement capabilities.

The ApexNRG-BLUE implements advanced digital technology based on proprietary firmware to decode 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, so that each minute movement of the file is read on-line.



The ApexNRG-BLUE's digital accuracy, allows maximal indication of the file location, with a measuring tolerance of 0.1 mm in the critical range of 0.5 - 0.0 mm. This allows certainty of the exact file location in the root canal; eliminates concern about perforation of periapical tissue; and reduces patient's exposure to excessive x-rays.

Studies show that a successful root canal treatment is directly dependent on the quality of the cleansing of the root canal.

Using the ApexNRG-BLUE will significantly increase the success rate of root canal treatments as compared with use of comparable analog devices having a measuring tolerance of only 0.5 mm or reliance solely on x-rays.

## User Friendly Features

The file's progress is marked by 8 LEDs giving maximum control of the procedure, displayed simultaneously on the device and the screen of your choice.

Unique automatic adjustment of the measuring current ensures accurate location of the biological apex in changing canal conditions, including dry, wet and bleeding canals. Calibration is automatic, no manual calibration is required.

Audible alarm starting at 0.5 mm, 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.

This compact instrument (50 grams) is easy to store and easy to manipulate during treatments. Placement near patient's mouth, within your line of vision, allowing you to easily and comfortably follow the progress of the file on-line.

Short cables prevent external EMI distortions that can occur in weak and sensitive signals that are typical of long cables. 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, rechargeable battery, supplied with a charger.

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

## Cutting Edge Application

Easy access to patient history: The first electronic apex locator to implement Bluetooth Wireless Technology for the transmission, display and storage of measurement data on your clinic computer. Take advantage of the built-in computerized measurement history database. Monitor old measurements for comparison and better control of future treatments. Measurement data can be saved in the patient's file. No more handwritten records.

The measurement procedure is transferred to your computer via Bluetooth Wireless Technology. View the results on-line simultaneously on both the user-friendly display on the apex locator and any screen connected to a computer (PC, digital X-ray screen).

MedicNRG's software is designed to be integrated with either or both digital x-ray and clinic management software already existing in the dental clinic to complement the paperless endo clinic objective.



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**MEDICNRG™**  
Precise Endo Technology

A cutting edge application of both D.S.P. and Bluetooth Wireless technologies for high resolution display and control of the file's progress, along with unique and simple to use software provides you with more information, patient history data, reliable and safe procedures and ensures better treatments in the future.

# Apex•NRGBLUE™

with Bluetooth Wireless Technology

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



- Display of file's progress on your PC screen via Bluetooth Wireless Technology
  - Measurement data can be saved in either the NRG database or clinic management software
  - Extra Fine Resolution of measurement – every 0.25 millimeters
  - Digital Signal Processing allows a measuring tolerance of only 0.1 mm
  - 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 50 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**