

Packages

ITEM # 2120-1001 Regular Kit Black
 ITEM # 2120-1002 Regular Kit White
 - Apex Locator
 Accessories: File holder(1ea), Cable(1ea),
 Lip Clip(3ea), Y-shaped stick(1ea)

Accessories

- ITEM #2120-1010 File Holder
 - ITEM #2120-1020 Cable
 - ITEM #2120-1030 Lip Clip
 - ITEM #2120-1040 Y-shaped Stick

Technical Specifications

Product Category	Electronic Apex Locator
Product Name	NaviRoot
Rated Current	DC4.5V (1.5 vdc x 3 "AA" Alkaline batteries)
Power Consumption	150mW ± 10%
Calibrated Current	4.5µA ± 10%
Display	LCD Display
Dimensions	153 x 138 x 44mm (W x D x H)
Weight	Approx. 420g
Type	Internal power BF

NaviRoot[™]
Electronic Apex Locator



DiaDent Network

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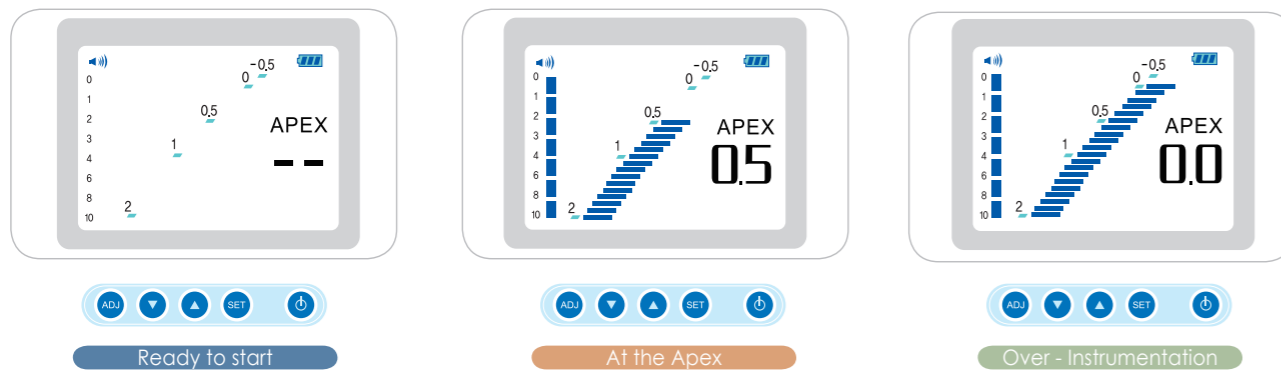
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Electronic Apex Locator

NaviRoot is a root canal length measuring device for a successful endodontic treatment. NaviRoot offers a new level of accuracy and stability and also delivers easy operation and reliable measurement.

How to use NaviRoot



How to control Apex Numeric Indicator

- Control range of indicator- 0.0 to 2.0 as unit of 0.1mm
- Push "ADJ" button once, then Apex Numeric Indicator is twinkling
- To increase Apex Numeric Indicator (ex. 0.5 → 0.6), push "DOWN" button
- To decrease Apex Numeric Indicator (ex. 0.5 → 0.4), push "UP" button
- Push "SET" button to confirm the setting after adjustment of Apex Numeric Indicator (New mode is not functional if "SET" button has been not pushed)

How to control Volume of Sound

- Push "ADJ" button twice, Sound Indicator is twinkling
- To decrease sound volume, push "DOWN" button
- To increase sound volume, push "UP" button
- Push "SET" button to make sure of setting

How to change Mode of Battery

- r.b – Rechargeable Battery
- A.b – Alkaline Battery
- Push "ADJ" button 3 times, Battery Indicator is twinkling
- Push buttons of "DOWN" or "UP", change it to r.b or A.b in the bottom of right corner
- Once you select Mode of Battery used, please make sure of setting with "SET" button
- The mode is being set as Alkaline battery in the factory, but please confirm the mode prior to use it

Features

Greater Accuracy

- Remarkable accuracy and predictability in wet canals
- Automatic calibration for very accurate diagnosis in wet & dry canals
- Not cause any problems in high temperature and humidity
- High level of accuracy for measurement by manufacturing of Frequency Type
- Precise indication on the monitor for APEX reaching point by Dual Frequency
- Possible to examine precisely by the unit of 0.1mm indicator
- Possible to conduct very effective operation with both indicators and graphs simultaneously
- Lower level of system failure with Self-Diagnosis Function

: Push "SET" button 10 times, 6 digits are being shown in the bottom of right corner. The function is normal if the difference is under ± 5 between the first 3 digits and last 3 digits

Larger Screen

- Large screen with digital and graphical feed back
- Can be connected to personal computer(option)

Longer Battery Life

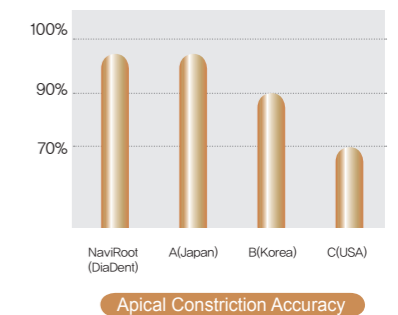
- Auto Power Off function (Timer 8 minutes)
- Easy to read battery power indication
- Has battery efficiency with very lower level of power consumption
- Use AA type Alkaline battery (3ea included in a package)
- Can be used rechargeable battery

Hi-Tech New Model for the Dentist

- Advanced function produces clinical accuracy rate and predictability
- Hi-Technology design has great stability and ergonomic applicability

Simple & Easy to use

- Holder & Touch type probes included
- Foldable screen adjusts to desired viewing angle



Cautions

- Hard to measure it under the condition of very dried root canal. In this case, get a good result with NaviRoot to inject salt solution or saline solution
- System failure can be occurred, if teeth surface is covered by metal substances
- If tooth surface is covered with too much moisture, an error can be raised during measurement. Please note that tooth surface should be properly dried before operation
- It can be indicated "Over-Instrumentation" when you check Apex points of damaged tooth

Accessories

- a - File Holder: Use for Anterior teeth(Autoclavable)
- b - Y-Shaped Stick: Use for Posterior teeth(Autoclavable)
- c - Lip Clip: After Autoclave, dry it with a towel for more effective use.(Autoclavable)
- d - Cable

