



# PRECISE APEX LOCATOR

## of new electronics technology

The latest generation of the electronic PRECISE APEX LOCATOR finds the apical constriction and reveals any crack or perforation in the dental root. The dentist determines precisely the apical constriction without the use of radiography and in a very short time.

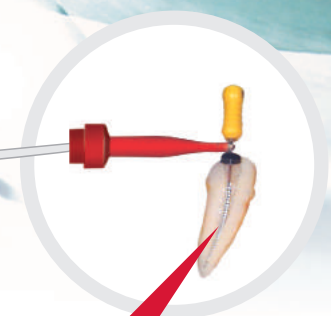
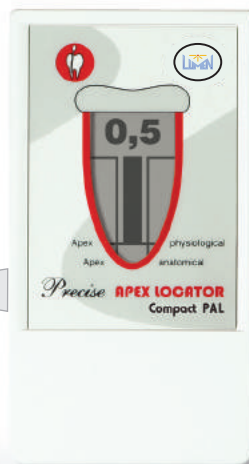
### ADVANTAGES

- The PRECISE APEX LOCATOR identifies the apical constriction within 0.1 mm step accuracy and is more accurate than radiographs especially when the location is on the labial or lingual projection. It prevents the over-instrumentation.
- The unit gives precise read-outs for either wet or dry canals and pulp tissues left. It locates accurately the apical constriction through fluids as EDTA, NaOCl, saliva, blood, etc.
- It assists complete filling of the root canal to ensure the successful tooth treatment.
- The unit enables the dental surgeon to avoid radiography or to reduce the exposure significantly.
- The unit is absolutely safe from the risk of electric shock and does not cause a discomfort for the patient.
- It can be placed in any position to choose an ergonomical reading angle.
- Switches ON and OFF automatically.



**UK patent No. GB 2431358**

**EC Verification Certificate**

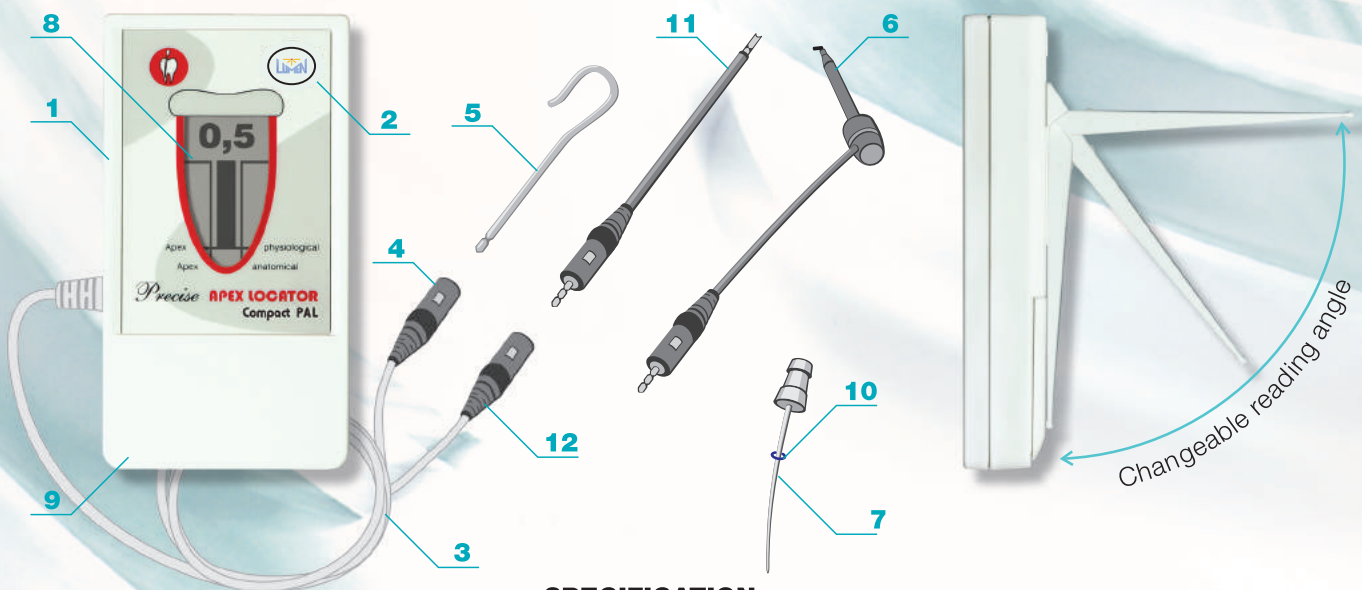


**all fluid types can exist in the canal!**

The new measuring method automatically excludes the error due to the nature of dental root canal (fluids, debris, pulp tissue left etc.)

## TECHNICAL DATA

- ▶ The PRECISE APEX LOCATOR gives a display of three parameters on the screen: the distance from the tip of the file to the apical constriction during the approach, the apical constriction itself when 0.5 is shown and penetration beyond the apex when "APEX" is shown.
- ▶ The PRECISE APEX LOCATOR contains a triple indication of apex location: view of the file position on display, digital read-out and audible signal.
- ▶ The unite is energized by standart 1,5 V DC 2pcs. AA batteries.
- ▶ Power consumption 0,1 W.
- ▶ The weight of the unit with the battery 160 g.
- ▶ Dimensions of the unit 120x65x22 mm.
- ▶ The technical data of the device complies with Council Directive 93/42/EEC of June 1993 of Medical Devices.



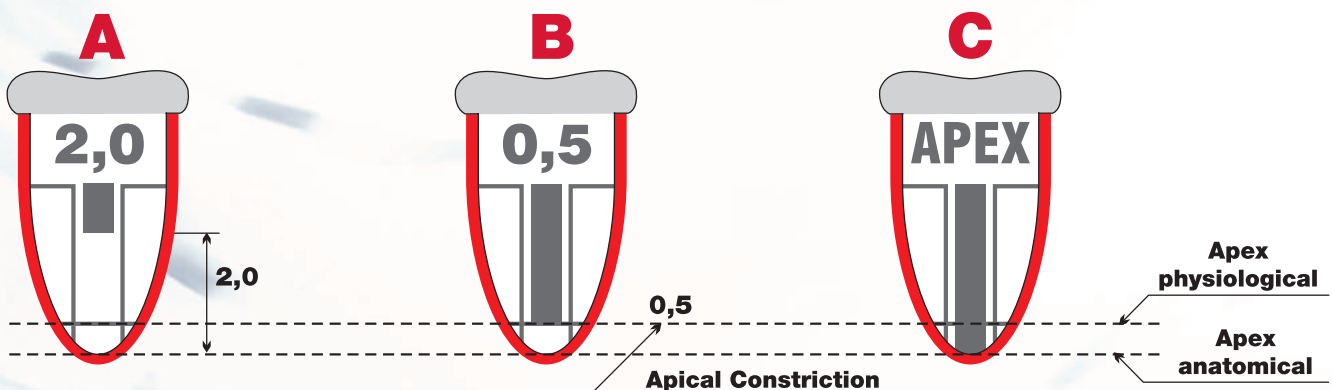
### SPECIFICATION

1. Body. 2. LUMEN logo. 3. Cable. 4. Socket for Lip Contact. 5. Lip Contact. 6. Clip Probe. 7. Endodontic file. 8. Display. 9. Battery. 10. Rubber marker. 11. Extention Probe. 12. Socket.

Accessories listed by numbers 5, 6, 7 and 11 are autoclavable.

## TECHNOLOGY OF MEASUREMENT

### DENTAL ROOT CANAL



*Following our recommendations, dentists obtain exact measurements and successful endodontic treatment!*

**mt** MEDICAL TECHNOLOGIES  
-An American-Lithuanian Joint Venture Company



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