



propex.pixi™

apex locator

- Miniature, pocket sized device
- Multi-frequency apex locator technology enables location of the apex in a wide range of conditions
- Progressive sound control and LED visual colour display
- Powered by a rechargeable battery for your convenience

12 golden rules for the Propex Pixi Apex Locator

1. Use rubber dam during the endodontic procedure.
2. Use apex locators in combination with radiographs. Over reliance on one or the other will result in insufficient information needed to obtain the most accurate outcome.
3. The presence of blood does not affect the measurement accuracy.
4. Use a file that matches the canal diameter. Ideally, the file should be the thickest one capable of reaching the apex.
5. Ensure the canal is not very dry. A very dry canal could prevent conductivity. If necessary, moisten the canal with irrigation solution or Glyde™ file prep.
6. Ensure the access cavity is dry. In teeth with multiple canals it is important to ensure there is no liquid overflow into the pulp chamber.
7. Remove caries prior to endodontic treatment. Caries is conductive and may create a short circuit.
8. Avoid metallic contact with the file or lip clip.
9. It is advisable to remove Gutta Percha in the canal prior to attempting any measurements so it does not obstruct the canal.
10. Once the apex is reached, it is recommended to subtract 0.5mm to determine the working length for shaping.

Caution:

11. Open or large apex may prevent accurate readings.
12. If the apex locator indicates the apex has been reached and it is far away from the estimated canal length, you may suspect a perforation. Withdraw the file and try to trace the natural curvature of the canal. This is another instance where x-rays may be used to confirm your suspicions.

Ordering Information

Propex Pixi Apex Locator	A103000000100
Propex Pixi Measuring Wire	A1031000000300
Propex Pixi Charger	A1031000000200
Connection Hooks (2)	A1029000000400
Lip Clips (5)	A1029000000300
Forks (2)	A1029000000600

Please refer to the Propex Pixi User Manual for more comprehensive instructions and clinical techniques.

For more information contact your local DENTSPLY Territory Manager, Clients Services on 1300 55 29 29 or visit the DENTSPLY website AU: www.dentsplystore.com.au. NZ: www.dentsplystore.co.nz.

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The scale indication simply indicates the file progression towards the apex. As the file enters the canal, bar 2.0 turns on and a double signal sounds.

Important: The Propex Pixi apex locator tracks the apical third only.



Pre-Apical Zone

2.0 to 1.5

As the file progresses towards the apex, subsequent bars turn on gradually and the interval between the audio signals become shorter.



Apical Zone

1.0 to 0.0

When the apex 0.0 is reached, a solid tone is emitted.



Once the apex is reached, it is recommended to subtract 0.5mm from the measured file length to determine the working length for shaping and obturation.



Over

When the word 'OVER' is displayed, this indicates that the file has passed through the apex.

