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NSK

iPexII

Advanced Apex Locator



Powerful Partners®

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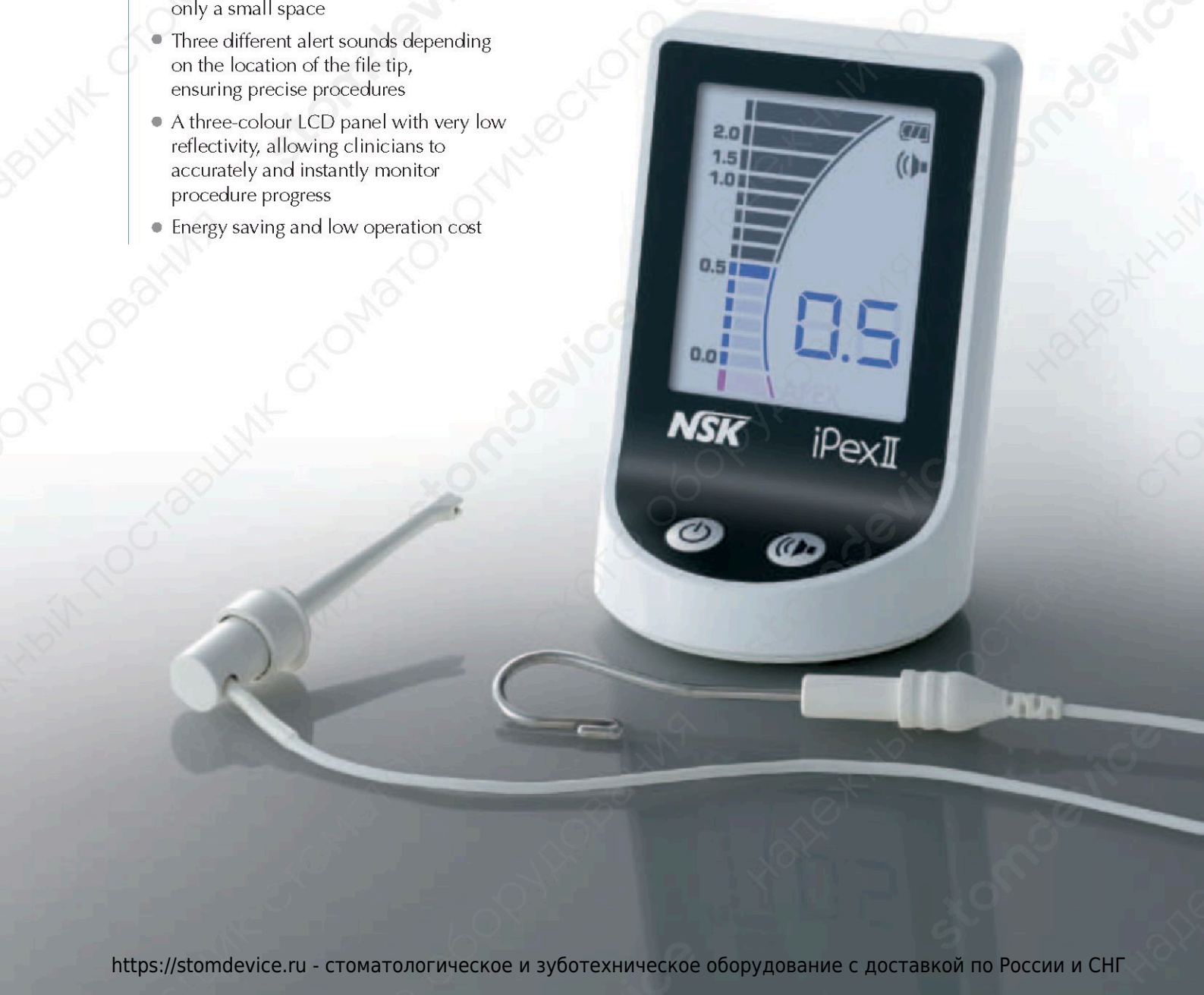
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iPexII Advanced Apex Locator

Using the results of numerous clinical trials and verification tests as a base, NSK created **SmartLogic**, a next-generation Apex Locatior compatible with diverse tooth forms, and that provides superior accuracy in detecting the root apex.
At the biologically crucial root apex - the Zone of Precision - the iPexII is able to provide a clear, accurate image of the file tip's location on its LCD panel.

Features

- High-precision root canal measurement generated by using SmartLogic
- Auto-detects the apex accurately in any conditions, dry or wet
- A stylish and compact body requiring only a small space
- Three different alert sounds depending on the location of the file tip, ensuring precise procedures
- A three-colour LCD panel with very low reflectivity, allowing clinicians to accurately and instantly monitor procedure progress
- Energy saving and low operation cost



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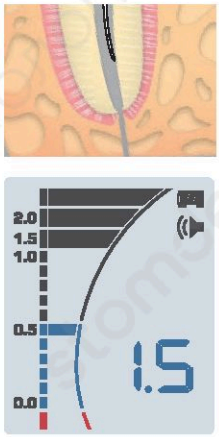
Next-Generation **SmartLogic** Controller

NSK's **SmartLogic** controller combines two advanced technologies to accurately analyse signals. iPexⅡ **SmartLogic** technology removes virtually all signal interference from the root canal itself to precisely detect the location of the apex.

- iPexⅡ **SmartLogic** alternates between two separate frequencies to take measurements. By reducing the noise that interferes with signal analysis, it generates a high-precision wave system that does not require a filtering circuit.
- iPexⅡ **SmartLogic** uses the whole wave system to analyse the extracted frequency. This produces steady measurement analysis even under varying conditions in the root canal while retaining a constant link to file insertion progress.

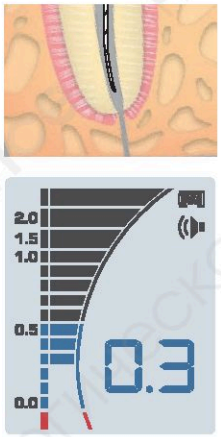
The three-colour LCD visual monitor screen

▶ Measurement Begins



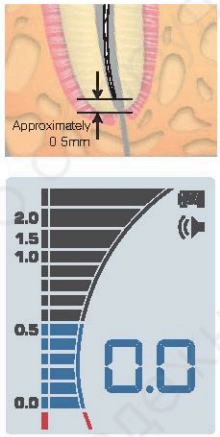
When the file is inserted into the root canal, a bar graph displays its progress, with the bar's position reflecting the position of the file as it descends.

▶ Root Apex Area



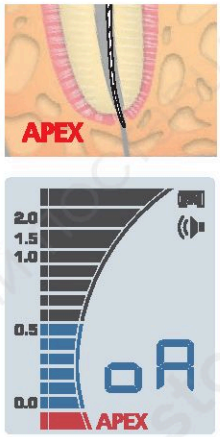
As the tip of the file approaches the root apex (0.5~) the bar graph turns blue, and the audio alert sound increases in pitch and speeds up in tempo to notify the user that the file is entering the Zone of Precision.

▶ Minor Apical Diameter Area



When the tip of the file reaches the minor apical diameter, the bar graph display reads 0.0, and the alert sound changes to a continuous tone.

▶ Overshooting the Apex



If the tip of the file goes past the apex, the unit issues a fast and continuous alert sound while the word APEX appears in red and OA (Over Apex) is displayed in blue.

Compact and stylish body

Lightweight and with a base just 6 cm in diameter, the iPexⅡ can quickly be set up and used in virtually any environment. The LCD panel is pitched at the ideal angle that allows clinicians to easily and without distraction monitor conditions ensuring safe and smooth root canal procedures.



The display panel is easily viewable from an operating stance and also minimizes reflectivity, while maintaining the clinicians focus on the procedure.



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iPexⅡ



MODEL : **iPexⅡ Complete Set**

ORDER CODE : **Y1002208**

Contents

- Control unit
- iPexⅡ Probe (1.8m)
- iPexⅡ File Clip (3 pcs.)
- Lip Hook (3 pcs.)
- AAA manganese dry cell battery (3 pcs.)
- iPexⅡ Tester

Specifications

- Power Supply : for 1.5V AAA (LR03 or R03) batteries
- Continuous use : Approx. 60 hours
- Dimensions : W60 x D60 x H86 (mm)
- Weight : 76g (unit without batteries)

Spare Parts

	MODEL	ORDER CODE
	iPexⅡ File Clip	U1109351
	iPexⅡ Tester	U1109353

	MODEL	ORDER CODE
	iPexⅡ Probe	U1109352
	Lip Hook	U501513

Related NSK Endodontics products



ENDO-MATE TC2

Lightweight, compact and rechargeable cordless micro motor handpiece

The TC2's new alarm and auto-reverse functions greatly reduce the risk of damaging the canal.

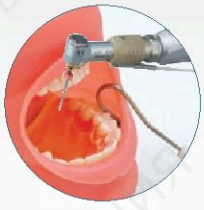


ENDO-MATE DT

Light weight, thin and easily maneuverable handpiece design

Portable, compact unit design and features a battery-driven control unit, this product can be used in multiple surgeries.

■The NSK ENDO-MATE products and iPexⅡ ensure safe, precise and efficient root canal procedures.





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Specifications are subject to change without notice.

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