

Pressemitteilung

Root ZX mini: Compact, precise, attractive design

Dietzenbach, Germany, March 2009. The apex locator, Root ZX mini by J. Morita, combines design and precision in a compact format: Measuring roughly 6 cm x 11 cm x 6 cm, the Mini fits every hand, has a small footprint and can be stored on any tray.

Here Morita adheres to the principle of form follows function. Like its big brother DentaPort Root ZX, the Mini, which comes in four different colours, meets all the requirements of a successful model, especially as it also works according to the proven ratio technique. This involves measuring the impedances of two frequencies (400 Hz and 8 kHz) to provide an absolutely precise length measurement. Blood, electrolytes or other substances do not impair its reliability. It is not necessary to set the device on zero before each measurement; the automatic calibration eliminates the effect of such sources of disturbance as temperature changes inside the canal.

The practitioner is informed during the measurements of the exact file position at every point in the root canal. The deeper the file penetrates into the canal, the more bars appear on the large liquid-crystal display. In the apical region, the colour of the bars changes from blue to green - an indication to the practitioner that the critical region has been reached. In addition, an audible signal can also be activated.

For enhanced safety the practitioner can mark the important points of the root canal treatment on the display: The "flash" bar is set in the region of the apex; it acts as a reference point for measuring or enlarging the root canal. The "memory" bar marks such points as the start of a sharp bend or shows at which point a change in the file size becomes necessary.

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About Morita:

The Morita Group is one of the most important manufacturers of medical-technical products. The Japanese traditional company with distribution companies in Europe, USA, Brazil, Australia and Africa has an extensive range. As a leader in X-ray diagnosis and endodontics the product portfolio offers high-performance imaging systems to 3-D volume tomography, treatment units, turbines, manual and contra-angle handpieces, instruments as well as endodontic measuring and preparation systems.

With a well-developed philosophy of quality and continuous research, the 2,400 employees worldwide focus on the requirements of users and dentists. The spirit of Junichi Morita, who founded the company in 1916, lives on. Morita is now in its fourth generation of family ownership and is headed by Haruo Morita.