



Press release

S-Apex™

Compact, precise, attractive design

FKG Dentaire presents its new apex locator

La Chaux-de-Fonds, September 2017.

The apex locator S-Apex™ by FKG Dentaire SA combines design and precision in a compact format: Measuring 6 cm x 11 cm x 6 cm, the S-Apex takes up little place, fits every hand and can be stored on any instrument tray.

The S-Apex meets all the criteria of the latest generation apex locator, especially as it 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 LCD 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 FKG Dentaire SA:

Founded in Switzerland in 1931, FKG Dentaire SA gained a new momentum in 1994, when the Rouiller family took over the reins of the company. The family propelled FKG to the forefront in the development, manufacturing and distribution of dental products destined for general practitioners, endodontists and laboratories. The FKG strategy is centered on innovative high-precision products and the creation of machines designed specifically for the dental field. Its aim is to offer solutions that meet the most demanding needs of end users.