

A smart new endodontic motor

In January 2024 Dentsply Sirona will launch the new X-Smart Pro+ endodontic motor that will replace X-Smart Plus and VDW.Gold motors. The powerful X-Smart Pro+ portable motor is designed to optimise the performances of both Dentsply Sirona and VDW's endodontic file systems, including ProTaper Ultimate, WaveOne Gold, TruNatomy as well as VDW.ROTATE and RECIPROC. With an integrated apex locator and Dynamic Accuracy technology, the motor delivers optimal performance in both rotary and reciprocating modes – delivering up to 7.5 Ncm and 3,000 rpm. Users of Maillefer's X-Smart motor line, as well as VDW.Gold users will both find X-Smart Pro+ familiar thanks to some specific elements inspired by both Maillefer and VDW motors.

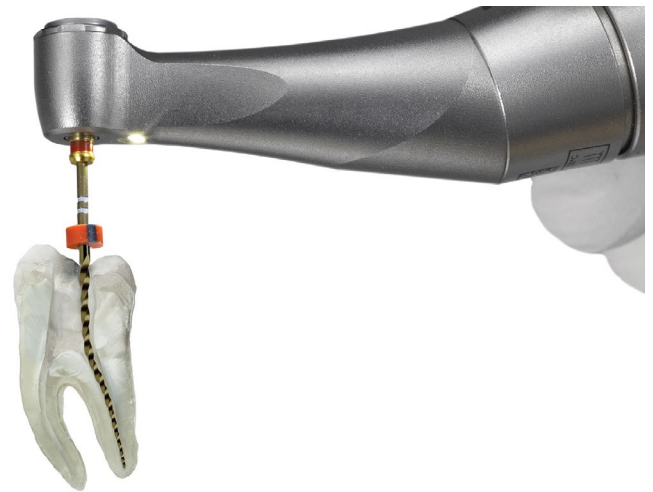
The X-Smart Pro+ is a reliable and robust motor that has portable convenience with the power and functions of a tabletop unit. The motor is designed to streamline workflows, with enough battery power to support a full day of endodontic work.

Unlike the periodic feedback of brush and sensor-based motor control, the X-Smart Pro+ features a patented sensor less system for 360° speed and torque feedback, enabling quicker reaction times for stable file settings.

X-Smart Pro+ reaches the apex in reciprocating motion an average of 21% faster than its competitors and 14% faster in continuous rotary motion. The more stable file control provides a more predictable shaping experience.

Dynamic Accuracy technology enables direct length measurement during active shaping with the automatic auto-reverse function to keep the file on the desired target. The same accuracy is achieved in length measurement during reprocessing as with a conventional manual measurement method with the hand file.

The X-Smart Pro+ provides superior visibility and access, with a 10-lumen integrated LED, a mini contra-angle with a 360° adjustable



position, and a fully autoclavable handpiece sheath. The large 7-inch easy-to-clean touchscreen interface includes a full file library of preset settings for Dentsply Sirona and VDW files, and up to 30 customisable file sequences. The file library can be easily upgraded to accommodate future file systems. Meanwhile, the ergonomic design allows for enhanced comfort, while the removable and autoclavable handpiece metal sheath reduces waste and complies with the latest infection control guidelines.

X-Smart Pro+ is the first device of the Dentsply Sirona endodontic range that is common for both DS and VDW. Synergies between the two brands will continue as VDW will progressively integrate the Dentsply Sirona Endodontic offering as had Maillefer in the past. With the support of Maillefer and VDW, DS combines the endodontic experience of two trusted and leading brands, so clinicians can advance their endodontic performances with confidence.

To find out more visit <https://www.dentsplysirona.com/en-gb/categories/endodontics/x-smart-pro-plus.html>.

Superior imaging systems for your dental practice

Are you seeking a reliable, robust and high-quality imaging system for your dental practice? Clark Dental can help.

The team at Clark Dental are committed to providing their clients only the most cutting-edge products on the market. This includes the Xios XG Supreme, an ideal partner for your diagnostic needs, providing excellent intraoral images with immediate availability. You have the option of five different filtering options: General Dentistry, Endodontics, Periodontics, Restorative and Hygiene. With this flexibility, you can enhance the image to suit your needs, optimising your diagnosis.

The portfolio also includes the ORTHOPHOS S3D X-ray system, which captures sharp and autofocused data even in anatomically difficult cases. Another option, the Axeos 2D/3D specialist system offers four volume sizes to suit all indications.

To discover more about the cutting-edge range of imaging systems from Clark Dental, get in touch today.

For more information call Clark Dental on 01268 733 146, email info@clarkdental.co.uk or visit www.clarkdental.co.uk.

Sophisticated, sustainable sterilising

Sophistication meets sustainability with the Lara XL steriliser from W&H, the energy saving solution with unique optional upgradeability.

With a spacious 28-litre chamber, the Lara XL can reprocess up to 7 kg of wrapped instruments or 9 kg of containers in one cycle. Plus, the 6-tray rack allows for flexibility around your workflows.

The efficient Eco Dry + technology creates the opportunity to sterilise a standard 2 kg load in just 25 minutes with the Fast Cycle upgrade. Not only does this keep your practice operating efficiently, it also optimises energy use and increases the lifespan of your instruments.

Upgrade to keep patients and the dental team safe, with the flexibility for advanced and thorough traceability from EliTrace. The advanced documentation system allows sterilisation information to be catalogued down to the individual instrument.

For more information about faster type B cycles for many more instruments, contact the W&H team today. Visit www.wh.com/en_uk, call 01727 874990 or email office.uk@wh.com.