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Due to our policy of constant technological upgrading, technical specifications may be subject to change without prior notice.

According to the standards in force, in extra-EU areas the availability and specifications of some products and/or characteristics may vary. Please contact your local distributor for further information.



SURGICAL S CART

MAXIMUM PERFORMANCE, MINIMUM SIZE



Making Your Life Better.

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New instruments for perfect conservative work

Stern Weber instruments, designed together with the electronics that control them, combine user-friendly operation and maximum precision. In addition to a broad selection of turbines, contra-angles and ultrasonic scalers, the new brushless micromotors feature innovative technology known as FIT (Fluorescence-aided

Identification Technique). This highlights the presence of composite materials thanks to the fluorescence emitted by a special LED integrated in the instrument. Moreover, thanks to its broad emission spectrum, the new curing light is optimized for latest-generation composite materials.



SC Scalers
Ultrasound scalers suitable for supragingival prophylaxis and periodontal tasks. Also suitable for the preparation of small cavities and usable in endodontic root canal cleaning techniques. The LED ring indicates the current scaler mode: PARO – green; ENDO – orange; NORMAL – blue.



FLUO micromotors (i-XS4 and i-XR3L)
Even lighter and quieter, these micromotors are now available with FIT technology to detect composite materials. They allow faster, more precise removal of old composite in teeth that need to be retreated. With orthodontic or aesthetic treatments, bracket removal is simple, safe and effective.



Turbines and contra-angles
Six silent yet powerful models of highly advanced turbine, plus a broad range of ergonomic contra-angles that meet all clinical needs, from conservative dentistry to implant surgery and endodontics. With the instrument (turbine, micromotor) extracted, the LED ring shows the activated spray mode.



T-LED
Instrument with 180° ergonomic rotation. Features 6 polymerisation and bonding programmes with immediate or gradual start. Does not cause composite shrinkage.





The Surgical Cart offers an advanced solution that also provides mobility in surgeries with multiple rooms

In addition to providing everything needed to practice endodontics and implantology, the Cart can be provided with a quick connector for the power supply box. With one box in each room, surgeries can use just one Cart, moving it from room to room as needed. This reduces both the initial investment and maintenance costs. Note also that the non-transferable Cart lets dentists make optimal use of stand-alone patient chairs; alternatively, it can be used just for orthodontic practices.



NFC connectivity

This uses a chip integrated in the dentist's module and an IP68-class bracelet. There are up to 20 memory slots, each containing a full set of work settings. An efficient, innovative solution for multi-operator clinics.



Safe holders

Instruments are ergonomically arranged with the syringe in an upright position. The holders are designed to contain the instrument even if it is put back incorrectly. A T-LED curing light can be added as an optional sixth instrument.



Quick coupling

The hard-wearing connector is designed to provide immediate mobility and a secure connection to the power supply box, without any work on the part of a technician.



Fixed connection

The version with the standard box connector provides plenty of operating space and the potential to perform advanced endodontic and surgical treatment, letting dentists get the most from a stand-alone patient chair.



Smartphone-like friendliness

Clear, intuitive graphics to help speed up treatment times. Smartphone-like operation makes for an extremely simple, up-to-the-minute user experience.



Ergonomic and with a large display, the Cart is always ready-to-go whatever the treatment requirements

Featuring an instrument module that can be raised or lowered with ease, the Surgical Cart with quick coupling can be moved from room to room. A convenient handle makes positioning easy and the 7" HD touch screen

provides crystal-clear information. Managing the instruments, clinical programmes and hygiene systems couldn't be simpler.



Data export

Exported via USB key as a PDF document, torque curves can be saved in the patient's medical record. In .csv format the data acts as a valuable source for clinical analysis and assessment, and as a .png image the curves can quickly be consulted on the Cart's multimedia display.

USB connection

All dentists can set their own parameters and save them directly on the control panel or, on the Multimedia version, on a USB storage device. Via the USB port, dentists can download torque curves (function available in surgical mode).



State-of-the-art foot control

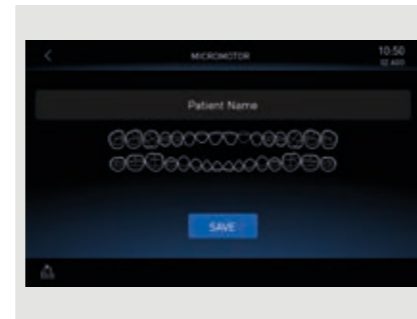
The wireless foot control offers the convenience of being able to move the equipment easily. It also makes cleaning tasks easier and minimises interaction with the console as the joystick can control numerous micromotor and peristaltic pump functions.

The convenience of an implantology workstation with dedicated software, an interactive display, and the freedom to practise wherever there's a plug & play box

Precise, powerful and user-friendly, the integrated implantology system provides - in concert with the Full Touch Multimedia display - a valid alternative to a stand-alone surgical micromotor. The software controls both micromotor and peristaltic pump, provides the dentist with visual references for implant procedures and documents the treatment to provide clinical support and exportable documentation.



Torque curves
Cart users can record the torque curves during treatment. In addition to monitoring the torque delivered by the micromotor, full-curve info provides valuable clinical support for any subsequent treatment on adjacent or



contralateral teeth. To complete the data set, implant tightening torque is also recorded.



EVO R20L contra-angle
The EVO R20L contra-angle, which has a 20:1 gear ratio specifically for surgery, can be autoclaved and heat-disinfected. It features an internal cooling system and external spray, plus LED lighting with an integrated generator.



Peristaltic pump
The peristaltic pump, controlled via the Full Touch control panel, is integrated into the dentist's module, eliminating the need for any additional modules or carts around the patient chair.



i-XS4 micromotor
The i-XS4 is suitable for implant surgery. The software allows precise, safe control of speed and torque (which, with the EVO R20L surgical contra-angle with 20:1 ratio, can reach 70 Ncm).





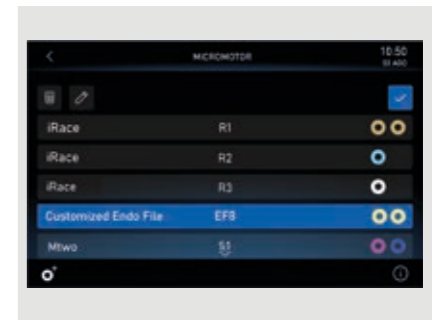
Endodontics at your fingertips, anywhere

From brushless micromotor to integrated software, the Cart has everything dentists need to practice endodontics, also with instruments in reciprocating mode. During endodontic treatment, the display provides key data on a dedicated user-friendly display, making workflows faster and more efficient.



Reciprocating mode

As an optional, the i-XS4 micromotor performs a reciprocating movement with alternating rotation to carry out treatment with the relative files. This mode is controlled by the pre-installed software.



ENDO database

A pre-loaded endocanal bur library is available to the dentist, who can perform treatment with either traditional or reciprocating instruments. The application that allows reciprocating movement is optional. The endodontic file brand names are not owned by Cefla or any of its subsidiaries.



i-XS4 micromotor

Extremely powerful, light and versatile, the i-XS4 is suited to conservative and prosthetic dentistry, endodontics and implantology. Combines reciprocating movement with alternating rotation, a mode controlled by pre-installed software. Fully autoclavable.



EVO E4 contra-angle

Featuring a 4:1 ratio specific for endodontics, the EVO E4 contra-angle can be autoclaved and heat-disinfected. The miniaturised head makes access to the treatment zone easier. Recommended for endodontic treatment in reciprocating mode and with use of the integrated apex locator.



Apex locator

With the dedicated contra-angle, the apex locator allows the apex distance to be displayed during the root canal instrumentation phase. The nearing of the apex is also indicated by warning buzzers. To enhance safety, micromotor rotation is automatically disabled when it is reached.



Cleaning the display
The control panel can be disabled to sanitize the glass surface of the display, thus preventing unwanted activation of controls. Moreover, disposable covers are provided.



SANASPRAY
Tank with distilled water as an alternative to mains water.



I.W.F.C.
This device performs automatic spray circuit flushing; perfect between one patient and the next or if the machine has been idle for a while.



Di.V.A. Digital Virtual Assistant

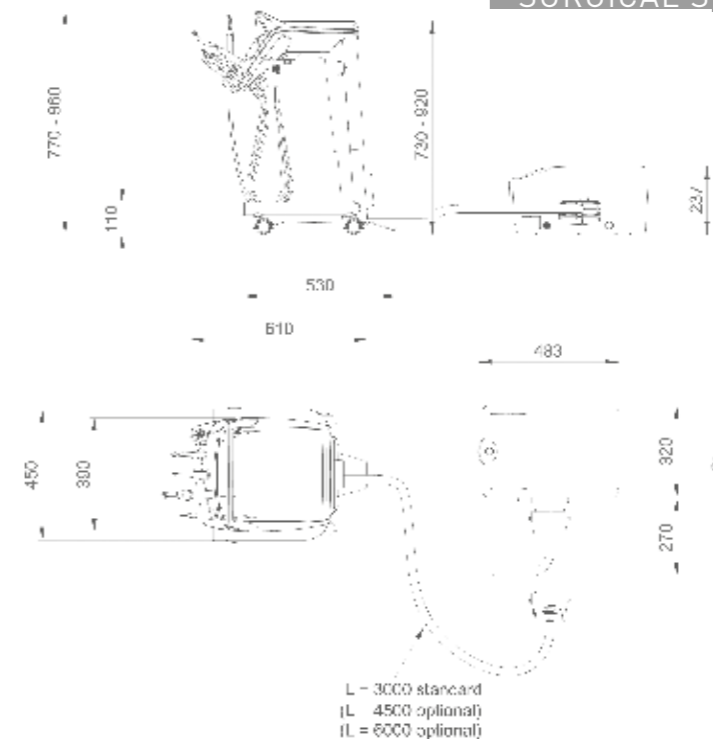
When linked to the Internet via Easy Check, the Cart can rely on a real-time troubleshooting and technical support service. Moreover, the Di.V.A., the digital virtual assistant optimises workflows in technologically advanced dental surgeries and helps dentists monitor, via a dashboard, their usage of available instruments and analyse surgery efficiency. In larger facilities, it's an excellent tool for managing workloads and planning maintenance.



SURGICAL S CART	
HYGIENE SYSTEMS	
SANASPRAY	*
I.W.F.C.	*
DENTIST'S MODULE	
Clinic 7" Full Touch display	●
Multimedia 7" Full Touch display	*
i-XR3 L Micromotor with fibre optics (100 – 40,000 rpm, 3.3 Ncm)	*
i-XR3 L FLUO Micromotor with FIT technology	*
i-XS4 Micromotor with fibre optics (100 – 40,000 rpm, 5.3 Ncm)	●
i-XS4 FLUO Micromotor with FIT technology	*
Scaler (with or without f.o.)	*
Peristaltic pump kit	*
"Torque curves" implantology function	*
6-way syringe	●
T-LED curing light	*
Sixth instrument	*
Reciprocating mode module	*
Integrated Apex Locator	*
NFC multi-operator system	*
Multi-function foot control	●
Pressure-operated foot control	*
Power Pedal foot control	*
Wireless multi-function foot control	*
Wireless pressure-operated foot control	*
Power Pedal foot control - wireless	*

● as standard * optional - not available

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Measurements in drawings are in millimetres.