

STAND-ALONE SURGICAL CART

SPECIALIST CLINICAL PERFORMANCE



CASTELLINI.COM



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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.



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AN INTEGRATED SPECIALIST TREATMENT CENTRE

The Stand-Alone Surgical Cart has been added to the Castellini range to give dentists the potential to practice implantology and endodontics at the highest level, without being bound to the purchase of a chair. As an option, this solution can be purchased individually in a plug & play version. Where multiple connection boxes are located in different rooms within the surgery, all users need to do is connect the Cart in the room where they're working.

A Cart to free up your potential



FREEDOM TO MANAGE SURGERY SPACE EFFECTIVELY



The Stand-Alone Surgical Cart can be configured with integrated instruments, programmes and functions, ensuring endodontic and implantology tasks are performed smoothly. What's more, the version that quick-couples to a floor-mounted connections box via a special socket lets dentists move from one surgery room to another without needing more than one Cart. With this solution, room-to-room transfers require no work on the part of a technician and initial investment and subsequent maintenance costs are lower. If you have a patient chair for orthodontic work without a dentist's module, the Cart opens up the possibility of performing specialist treatment. Thanks to NFC technology, dentists can connect to the Cart where their interface preferences and integrated instrument operating parameters were previously saved.



TOUCH SCREEN CONTROL PANEL

Two Full Touch control panels are available: Clinic and Multimedia. Both have a 7" capacitive multitouch screen and provide plenty of scope for personalisation of programmes, instruments and displayed data. With the Multimedia version (optional), users can view videos, photos and X-ray images loaded via the USB port. The software can be configured for traditional endodontics or reciprocating-mode instruments. For implant procedures, a peristaltic pump and torque curves are available. To help streamline workflows, instrument housings have been designed to minimise the risk of accidentally dropping the instrument during treatment. Just tap the bracelet on the NFC symbol on the side of the dentist's module to connect to the Cart.



PLUG&PLAY CONNECTOR

When the Cart needs to be moved from one room to another, the plug&play connector can be detached quickly. Designed to be hard-wearing, the plug provides a secure connection and the socket is protected against dust and other risks by a flap.



FIXED BOX

The standard version of the Stand-Alone Surgical Cart has its own connections box. The connector has extensions measuring 3, 4, 5 and 6 metres in length, allowing optimal flexibility in each room. This set-up provides plenty of operating space and lets dentists carry out specialist clinical treatment.



WIRELESS FOOT CONTROL

Makes it easier to move equipment, frees up more space and minimises hindrance. What's more, the foot control has an array of key functions (e.g. instrument and peristaltic pump control) and reduces manual contact with the control panel.

CREATED TO MANAGE IMPLANT PROCEDURES



The Cart features devices and software that allow smooth performance of implant surgery. For example, it includes a powerful induction micromotor, a peristaltic pump and a cutting-edge control panel that lets users quickly customise and save speed, torque and irrigation flow parameters. Moreover, further implantology features include the ability to record torque curves. Data can be exported in three different formats so it can be used as a support for subsequent analysis, for quick reference purposes or simply as documentation to be filed in the patient's records.



GOLDSPEED EVO R20-L CONTRA-ANGLE

Specific for surgery. Autoclavable and thermodisinfectable, it can be disassembled for thorough cleaning. With internal cooling, external spray and LED with integrated generator.



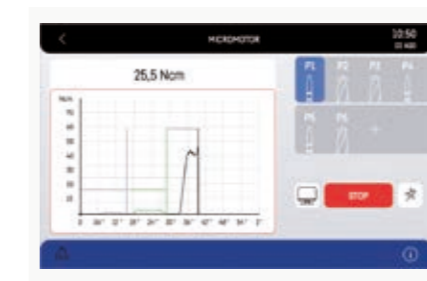
IMPLANTOR LED MICROMOTOR

Noiseless and ultra-light, the Implantor LED micromotor is vibration-free and characterised by extremely high torque. With suitable contra-angles, it can deliver up to 70 Ncm.



OPERATING PARAMETERS

The display shows only the information relevant to the clinical needs of the moment: all working parameters can be modified with ease at the touch of a finger, thereby leaving the dentist free to focus on the operation and the patient.



TORQUE CURVES

The dentist can also use an integrated function that records torque curves during surgery. Moreover, following treatment documentation is produced in an exportable format to keep a record of the delivered torque and implant tightening torque.

THE BEST FOR ENDODONTIC TECHNIQUES

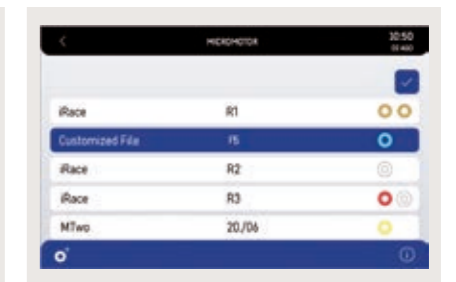


With the Stand-Alone Surgical Cart, endodontic tasks and correlated treatment are assisted to ensure dentists receive valuable help. Thanks to precision control of the bur and the integrated database, the Cart provides perfect support for endodontic specialists. Additionally, it provides them with highly sophisticated control parameters such as Autostop, Autoreverse and Autoforward. Perfect control of reciprocating mode is also provided for.



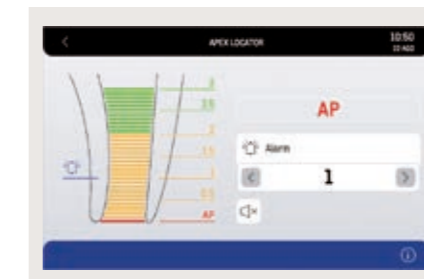
RECIPROCATING MODE

Together with the EVO E4 contra-angle, the control mode with alternating rotation allows for the use of RECIPROC®, RECIPROC BLUE® and WAVEONE GOLD® reciprocating files. The endodontic file brand names are not owned by Cefla or any of its subsidiaries.



DATABASE

For all traditional endodontic procedures, the control panel is able to automatically set optimum parameters thanks to an inbuilt database of the most common endocanal files.



LAEC - INTEGRATED APEX LOCATOR

The device helps the dentist locate the root apex through an audible and visual signal. Combined with the EVO E4 contra-angle, it also integrates the APEX-STOP function which automatically switches the file off upon reaching a set safety threshold.



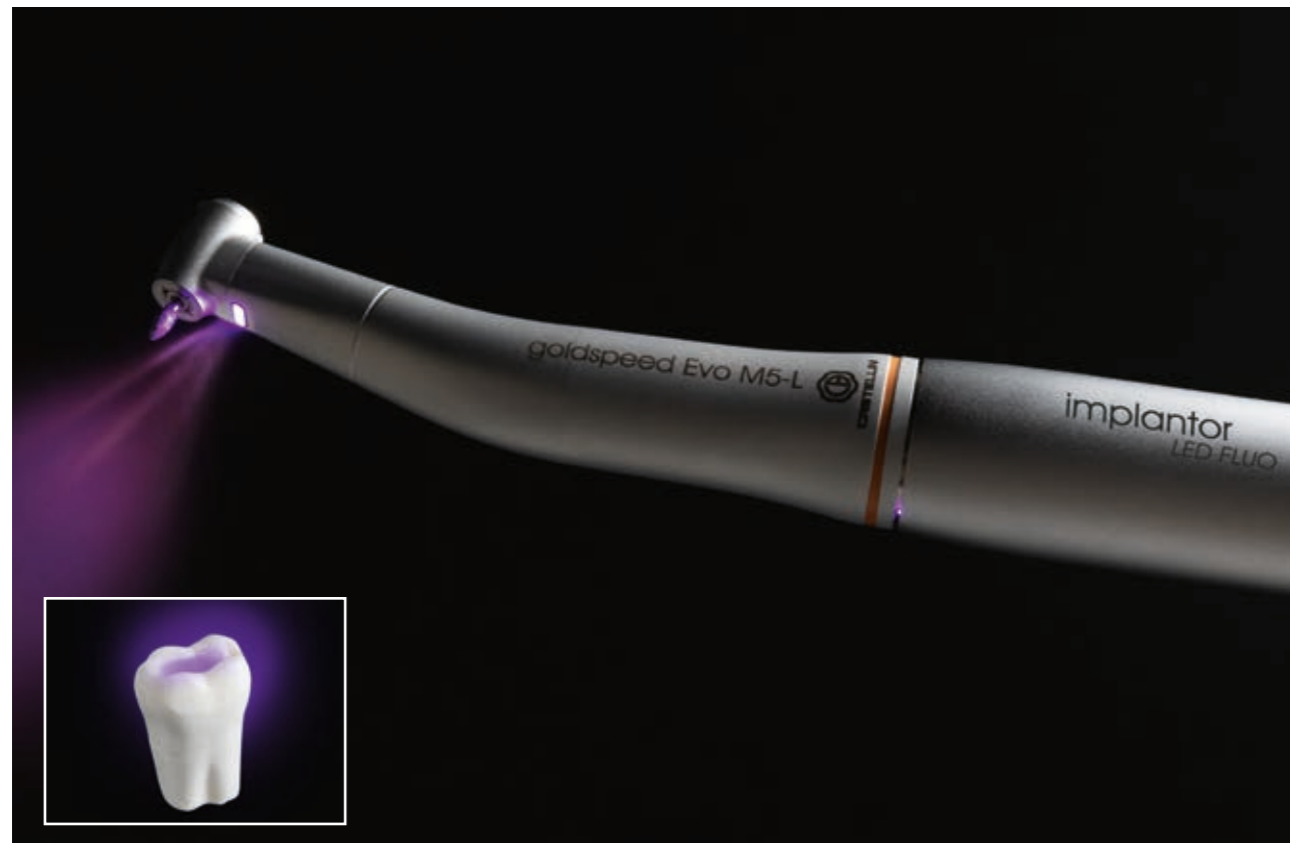
EVO E4 CONTRA-ANGLE

Suitable for any type of endodontic treatment, the device is designed to be compatible with Castellini reciprocating mode and the APEX-STOP function of the Castellini apex locator.

EXCELLENT INSTRUMENTS



Built according to the highest technological standards and by drawing on Castellini's 80 years of experience, all instruments, handpieces and accessories are designed to meet every possible dentistry need. Cutting-edge instruments improve every aspect of implant surgery, and conservative and endodontic dentistry.



IMPLANTOR LED FLUO

The new, now-quieter Implantor LED micromotor features tubes that improve handling. Moreover it's available with the optional FIT (Fluorescence-aided Identification Technique) function that lets users detect the presence of composite materials with a special LED light. This technology makes tasks in the conservative, orthodontic and aesthetic fields more precise. LED FLUO Implantor doesn't just highlight fillings in composite material, differentiating it from the natural structure of the tooth: it also highlights brackets on fixed braces and the invisible attachments used to secure transparent corrective braces.



SURGISON 2

Specifically designed for oral surgery, implantology and osteotomy, this handpiece is available with a wide range of accessories for any treatment requirements. Interchangeable with Piezolight 6 and compatible with Piezosteril 6, subject to tubing replacement, the Surgison 2 handpiece is automatically detected and piloted by the Cart at all times. Completely autoclavable, it provides optional irrigation with sterile fluids for complete asepsis of the operating area.



PIEZOLIGHT 6 / PIEZOSTERIL 6

Available with LED lighting and fully autoclavable, ultrasound handpieces are suitable for prophylaxis, endodontics and periodontal procedures. Ultrasound vibrations are linear and controlled. There are no parasitic lateral vibrations. Constant control and self-adjustment of frequency according to load and the condition of the tip. Irrigation flow can be fine-adjusted via a special dial.



T-LED

The curing light can be used as a direct version or 120° angled version. With a high-power LED up to a maximum of 2,200mW/cm² and a 430 to 490nm emission band, the T-LED lamp offers 6 pre-set programmes and a sterilisable optical guide.



SYRINGE

Featuring a streamlined and easy-to-handle design, the syringe provides six functions. The handle and tip are autoclavable.



SILENT POWER TURBINES AND GOLDSPEED CONTRA-ANGLES

Castellini offers a complete set of turbines and contra-angles suitable for all fields of dentistry.

CONSTANT ATTENTION TO HYGIENE



TIME FLUSHING

To carry out fast, intensive flushing between patients, or immediately after switch-on in the morning, the Time Flushing function performs a complete water change by way of a timed feed fluid flow.



S.S.S. BOTTLE

The stand-alone supply system is equipped with a 1.8 litre capacity pressurised tank, easily accessible from outside to facilitate filling or replacement.



DETACHABLE INSTRUMENT TUBING

Removable and easily disinfected, the tubes make cleaning and replacement operations easier and faster.



GLASS DISPLAY FILM

Disposable film for the protection of assistant's keypad and Full Touch control panel.



SILICONE MAT

Easily removable and autoclavable, the mat is made of silicone for added safety.

A CONNECTED SURGERY



VIRTUAL ASSISTANT AND REMOTE MONITORING

Di.V.A. (Digital Virtual Assistant) optimises the workflow in advanced dental practices. In addition to being viewable on a PC, Di.V.A. can be easily consulted on smartphones and tablets. In combination with Di.V.A., users can increase the efficiency of the practice by activating the EasyCheck service: each connected device can rely on real-time remote diagnosis and technical support, vital for minimizing downtimes and ensuring continuity of service.

DASHBOARD

A simple dashboard lets the dentist monitor Cart activity across all functions and analyse dental practice efficiency. In larger surgeries this is an excellent tool for managing heavy workloads and planning maintenance tasks.

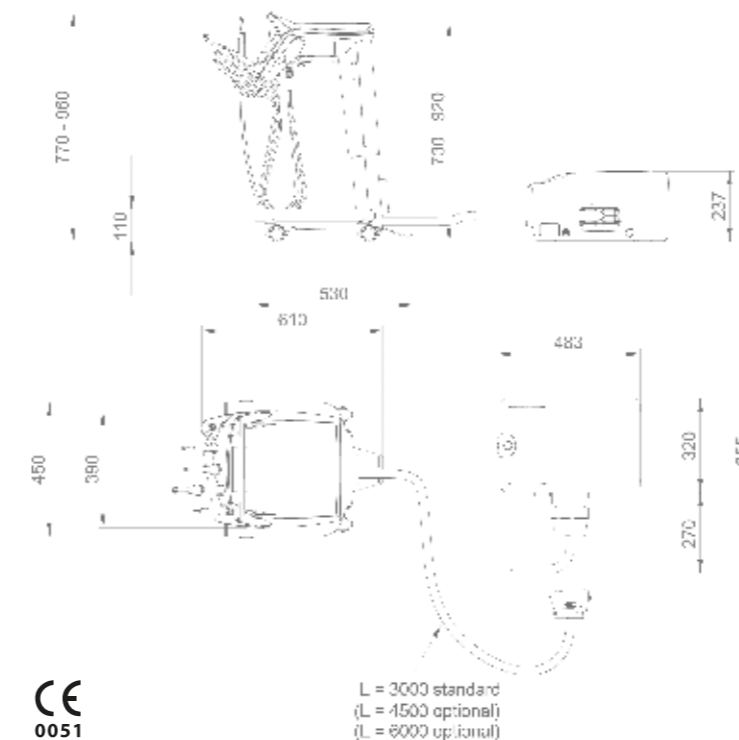
INSTRUMENT MODE

The dashboard lets users monitor effective usage of integrated instruments such as the micromotor; this includes detailed information on the employed work modes (conservative, endodontic and implantology).

TECHNICAL SPECIFICATIONS

STAND-ALONE SURGICAL CART	
HYGIENE SYSTEMS	
Separate Supply System	<input type="radio"/>
Time Flushing (quick wash cycle of the water circuit)	<input type="radio"/>
DENTIST'S MODULE	
Clinic 7" Full Touch display	<input checked="" type="radio"/>
Multimedia 7" Full Touch display	<input type="radio"/>
NFC multi-operator system	<input type="radio"/>
LED Implanor micromotor with f.o. (100 - 40,000 rpm, 5.3 Ncm)	<input checked="" type="radio"/>
LED FLUO Implanor micromotor with FIT technology	<input type="radio"/>
Scaler (with or without f.o.)	<input type="radio"/>
T-LED curing light	<input type="radio"/>
Peristaltic pump kit	<input type="radio"/>
"Torque curves" implantology function	<input type="radio"/>
6-way syringe	<input checked="" type="radio"/>
Sixth instrument	<input type="radio"/>
Reciprocating mode module	<input type="radio"/>
Integrated Apex Locator	<input type="radio"/>
Surgison 2	<input type="radio"/>
Multi-function foot control	<input checked="" type="radio"/>
Pressure-operated foot control	<input type="radio"/>
Power Pedal foot control	<input type="radio"/>
Wireless multi-function foot control	<input type="radio"/>
Wireless pressure-operated foot control	<input type="radio"/>
Power Pedal foot control - wireless	<input type="radio"/>

● = as standard ○ = optional - = not available



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Measurements in drawings are in millimetres.