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CASTELLINI

STERILIZATION
C PLATINUM

MAKING SPACE FOR EXCELLENCE

CASTELLINI C PLATINUM

PURE EXCELLENCE

DESIGN AND PERFORMANCE

The C Platinum sterilisation device completes dental practices by delivering incomparable performance, style and efficiency. Featuring cutting-edge Castellini technology, this autoclave reduces consumption and improves performance.

The best reconditioning technology.

CUTTING-EDGE SOLUTIONS

In addition to latest-generation technologies such as the 7” display and the function that adapts the drying process to the load, C Platinum features demineralisation and recirculation filters, thus minimising water consumption.
A perfect combination of performance and sustainability.

USER-FRIENDLINESS AND PERFECT PERFORMANCE

The large high-performance screen and optimised interface make the autoclave extremely easy to use.
Numerous indicator lights and video tutorials provide users with constant support.
A combination of high-quality components and control software guarantees high performance.

LED BAR

The device also communicates using light. Thanks to the LED bar embedded in the door, users can see which phase of the process the autoclave is performing at a glance, even from some distance away.

LARGE DISPLAY WITH VIDEO TUTORIALS

The 7” display can be used to view simple high-resolution video tutorials. These provide important instructions relating to proper machine use and maintenance, thus ensuring process quality over time.

CYCLE TIMES AND MODULAR DRYING

Thanks to reliable high-performance internal components, the autoclave meets even the most demanding requirements. The control system optimises the process while the exclusive Modular Drying function adapts drying to the load, thus shortening cycle times.
A B cycle in just 31 minutes.

MAINS WATER

Supplied with ordinary mains water, C Platinum retrieves used water to employ it in subsequent sterilisation cycles, thus minimising waste and enhancing efficiency. The result: lower costs and hugely improved management of the demineralised water supply and its storage.

INTEGRATED DEMINERALISATION

A demineralisation filter in the main reservoir lets users fill the latter with ordinary mains water. Moreover, the filtration system delivers never-before-seen operational simplicity. Optional automatic systems streamline water filling even further.

USED WATER TREATMENT

The recirculation filter incorporated in the secondary reservoir allows used water to be purified. This process makes it reusable in subsequent sterilisation cycles; just 5 litres of mains water are needed to perform 50 sterilisation cycles, providing unmatched efficiency.

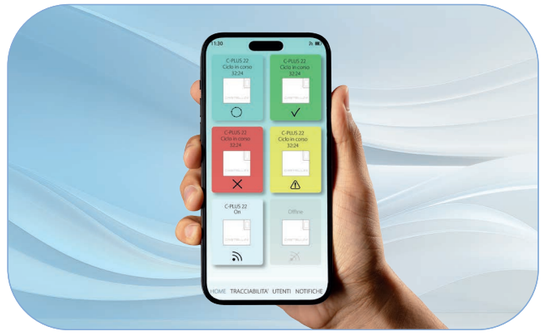
CONNECTIVITY AND DATA MANAGEMENT

Connection to the internet optimises steriliser management. Through the Cloud platform, the SterilConnect App and remote technical assistance, users can conveniently manage the device and enjoy the peace of mind that comes with a machine that's always in optimal, efficient working order.
Connected devices for efficient uninterrupted workflows.

INTEGRATED WI-FI AND CLOUD PLATFORMS

Connecting the autoclave to the internet via the integrated Wi-Fi system or Ethernet creates an integrated data management system, essential for advanced traceability.

Available benefits include automatically saved cycle reports, usage statistics, diagnostics and printer management.



STERILCONNECT

A highly innovative tool users will appreciate. Any internet-connected mobile device - tablet or smartphone - can be used to interact with the autoclave, simplifying daily management of the sterilisation process. A clear yet complete graphic interface lets you monitor device status and manage the various steriliser functions.

CLOUD TOOLS

Di.V.A. is an optional Cloud environment for sterilisation devices, useful for storing cycle reports and monitoring the device.

EasyCheck, a Cloud-based remote support platform, ensures efficiency and reliability, shortening intervention times.

SHARED PRINTER

By producing labels or reports, the optional printer allows completion of the sterilisation process, providing users with the basis for proper traceability. To optimise management, the printer can be shared by multiple sterilisers (where enabled) and connected to the same network. One fast, reliable printing station rationalises use of space and delivers significant savings.

QR CODE LABELS

Activating this function lets users create adhesive QR code labels to apply to sterile packages at the end of each cycle. The QR code contains unique information that identifies the steriliser, the cycle used, its outcome and the expiry date of the sterile package. Scanning the QR code lets you associate the data it contains with the patient, ensuring comprehensive traceability. It's also possible to print Barcode labels.

ACCESSORIES

A full range of accessories to expand the C Platinum function range.

1 EXTERNAL PRINTER

Connected to C Platinum sterilisers, lets you print cycle-related data on thermal paper or on labels in Barcode or QR code format. To optimise management, the printer can be shared by multiple sterilisers (where enabled) and connected to the same network.

2 FRONT FILLING KIT

This kit allows the steriliser to be filled frontally via a quick coupling.

3 AUTOMATIC FILLING KIT

Consists of an external pump powered by the steriliser, allows demineralised water to be drawn from an external recipient.

4 EV AUX KIT

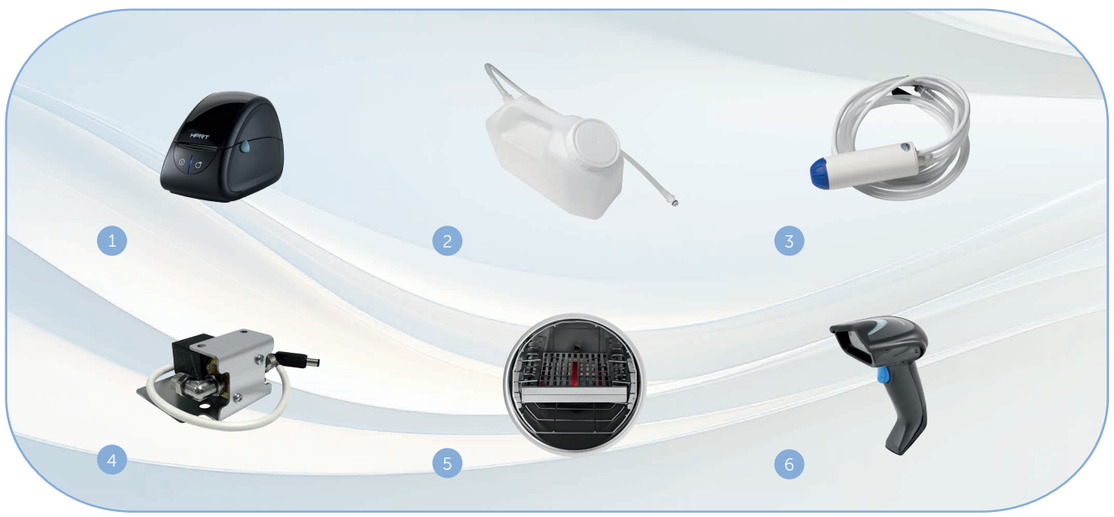
This kit allows the steriliser to be interfaced with the practice's demineralising systems so the steriliser only draws water from the system as and when necessary.

5 MODULAR TRAY HOLDER

Modular housing system to load the steriliser. Supplied with three pairs of shelves to house trays: lets you make full use of the entire chamber diameter and insert even the bulkiest loads.

6 BARCODE/QR CODE READER

The reader - which can be used on most PCs - lets you complete the traceability process and pair Barcode or QR code labels with the patient.



Technical data	C-17 Platinum	C-22 Platinum	C-28 Platinum
Power supply	220/240 V 50Hz 220/230 V 60Hz		
Rated power	2300 W		
External dimensions (L x H x D)	500 x 490 x 600 mm		
Chamber dimensions (Diam. x Depth)	250 x 350 mm	250 x 450 mm	280 x 450 mm
Total weight	48 kg	51 kg	52 kg
Tank capacity	6l		
Autonomy	From 7 to 11 cycles	From 6 to 10 cycles	From 5 to 9 cycles

STERILISATION CYCLES 220/240 V

CYCLE	Cycle type	Sterilisation time	C-17 Platinum	C-22 Platinum	C-28 Platinum
		(min.)	Cycle times including sterilisation times and drying time (min.)*		
134 °C Universal	B	4	39 (31)	42 (34)	52 (44)
121 °C Universal	B	20	53 (45)	59 (51)	63 (55)
134 °C Fast	S	4	21	24	27
134 °C Packed solid instruments	S	4	32 (25)	37 (30)	41 (34)
134 °C Prion	B	18	53 (45)	57 (49)	67 (59)
xxx °C CUSTOM	S	Users can personalise the cycle with temperatures of 134 °C/121 °C, sterilisation times starting from 4' (134 °C) or 20' (121 °C) and drying times from 5 to 30 min.			
Vacuum Test	TEST		18	18	19
Helix/B&D Test	TEST		20	24	28
Vacuum Test+ Helix/B&D Test (run in sequence)	TEST		42	46	51

* Drying varies according to machine model and volume

Note: times in brackets show performance with modular drying activated, observing the indicated loads

Note: times do not take the pre-heat time into account

Note: the indicated times are based on an average load

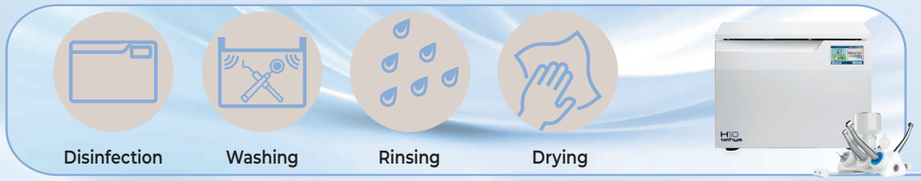
Note: times may vary depending on the load and power supply

AUTOMATED STERILISATION PROTOCOL

Castellini's solution for automated execution of the sterilisation protocol.

1 COLLECTION

The sterilisation protocol begins with collecting instruments and materials.

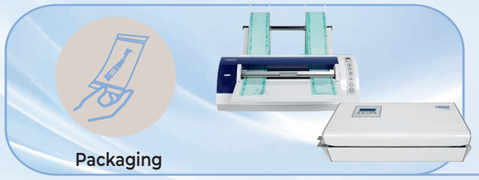


2 3 4 5 TETHYS H10

Designed to give you the best. The best performance in a simple and fast work-flow. An innovative thermal disinfector that replaces the numerous manual tasks typical of the stages preceding sterilisation, thus reducing workloads. Equipped with the optional HMD accessory, Tethys H10 extends the reconditioning process to rotating instruments, resulting in unparalleled performance.

6 THALYA - THALYA PLUS

Thalya is the dentist's ally for effective maintenance of rotary instruments. Simple and user-friendly, it allows perfect lubrication and purge maintenance of turbines and handpieces. In the Thalya Plus version, the instruments also undergo a cleaning, disinfection and drying process within a single cycle.



7 MILLSEAL

This thermal sealer range meets every possible need. The EVO version allows the automated creation of pouches. The Rolling version, also available with printer, combines sealing speed with flexible sizing of the packages to be sealed. The Manual version delivers user-friendliness and outstanding reliability.

8 AUTOCLAVES

Castellini autoclaves, available in 17, 22 and 28-litre versions, simplify the operator's work by optimising time and costs. Their excellent quality and high-level functions ensure safety, reliability and ease of use.

9 TRACEABILITY

The traceability phase is crucial for pairing the sterile instrument set with the patient it is used on. This process can be carried out simply and quickly by digitally scanning the barcode or QR code on the sterile pouch label using a barcode reader.

10 STORAGE

If carried out correctly, storage ensures long-lasting instrument sterility.

CASTELLINI

PASSION FOR DENTISTRY

Since 1935

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Due to our policy of constant technological upgrading, the 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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