

CASTELLINI

STERILIZATION
C PLUS

MAKING
SPACE
FOR
EXCELLENCE

CASTELLINI C PLUS

RATIONALITY AND DESIGN



PERFECT PRACTICALITY

C Plus streamlines sterilisation procedures in dental practices thanks to advanced features and outstanding performance. Compact and easy to install regardless of the selected internal capacity, it combines practicality with user-friendliness. Sterilisation thus becomes a sleek, efficient everyday process.

A solution that provides dental teams with effective daily support.

EFFICIENCY AND FLEXIBILITY

Featuring functions that make sterilisation tasks more efficient, the simple yet versatile C Plus offers valuable help for practice personnel. Low consumption and excellent performance make C Plus crucial to the smooth running of the workplace. Consistent performance and excellent sustainability.

HIGH PERFORMANCE, MODERN DESIGN

Versatility, practicality and hygiene are built into the design. External surfaces and the glass touchscreen can be fully sanitised. Merging great design with practicality, the luminous panel on the front of the device clearly indicates steriliser status. These aspects boost everyday practicality, significantly enhancing the effectiveness and quality of sterilisation. Together with the extreme ease of use, all the above features make processes more efficient and accurate, ensuring high sterilisation standards.



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.



TOUCHSCREEN AND TUTORIALS

The 5" capacitive display and its responsive, user-friendly controls improve day-to-day usability. Organises functions clearly and provides video tutorials to offer users a quick visual guide. A preloaded manual ensures optimal use of the device.

WATER MANAGEMENT

An integrated demineralising filter lets you use mains water without external devices, optimising both layout and process while providing savings. Sensors monitor water quality, while dedicated messages show filter status to ensure device efficiency.

INSTALLATION VERSATILITY

A choice of 3 different volumes - 17, 22 and 28 litres - all with the same external dimensions, plus optimal design and sizing, allow easy installation on normal worktops or inside the columns designed to house autoclaves.

CONNECTIVITY AND TRACEABILITY

Internet connection opportunities include the Cloud platform, the SterilConnect mobile application and a remote assistance service. This optimises steriliser management, giving users easy yet complete control of the device.
An ally you can count on at all times.

INTEGRATED WI-FI AND CLOUD PLATFORMS

Simply connect the autoclave to the internet via the integrated Wi-Fi or Ethernet to access an integrated data management system, essential for advanced traceability.
Other available services: automatically saved cycle reports, which can be consulted locally or remotely, printer management.



STERILCONNECT

Users can - through any internet-linked mobile device - interact with the autoclave via an innovative app, simplifying daily management of the sterilisation process. A comprehensive, easy-to-understand graphic interface lets users monitor device status and manage the various steriliser functions.



CLOUD TOOLS

Di.V.A. is an optional Cloud environment that's useful for saving cycle reports and monitoring the device. EasyCheck, a Cloud-based remote support platform, ensures efficiency and reliability, shortening intervention times.



SHARED PRINTER

The optional printer lets you complete the sterilisation process. To optimise management, it can be shared by multiple sterilisers (where enabled) and connected to the same network. A single 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 on sterile packages at the end of the cycle. The QR code contains unique data that identifies the steriliser, the cycle used, its outcome and the expiry date of the package. Alternatively, Barcode labels or the cycle report.

ACCESSORIES

A complete array of accessories to expand the C Plus function range.

1 EXTERNAL PRINTER

Connected to C Plus 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

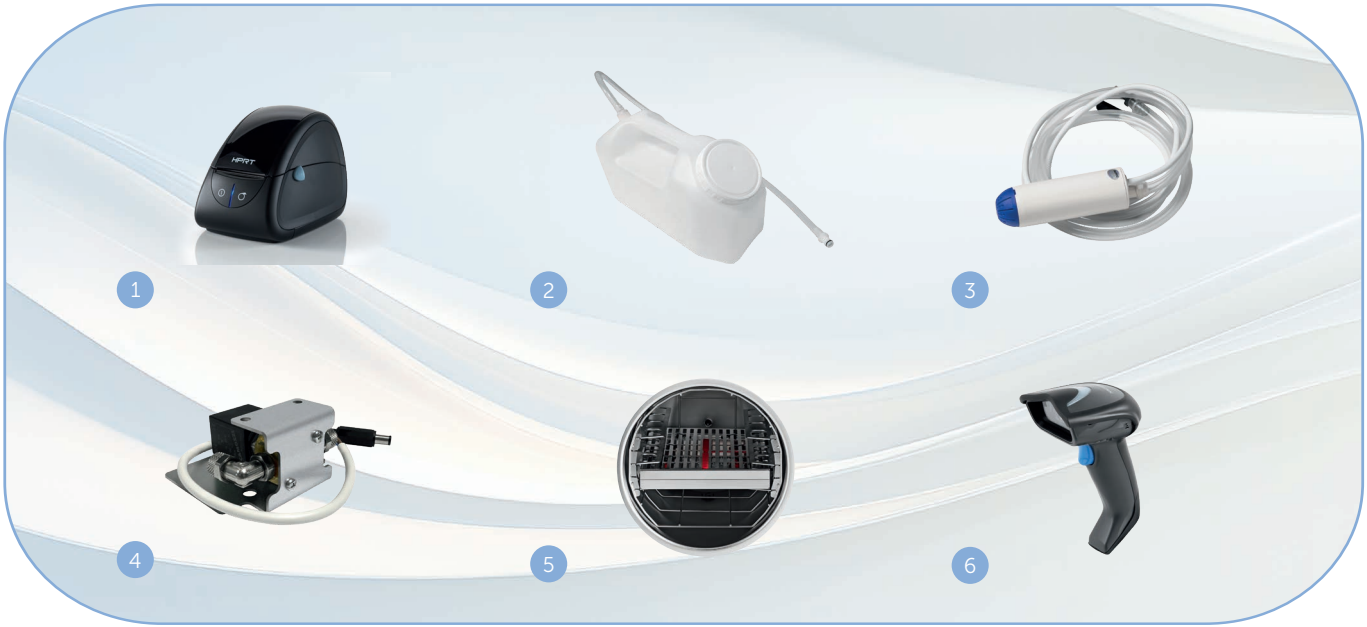
This kit allows the steriliser to be interfaced with surgery demineralising systems so the steriliser only draws water from the system as and when necessary.

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 PLUS	C-22 PLUS	C-28 PLUS
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	47 kg	50 kg	51 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 PLUS	C-22 PLUS	C-28 PLUS
		(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 TETHYS H10

3 Designed to give you the best. The best performance in a simple and fast workflow. An innovative thermal disinfectant 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 MYTRACE

MyTrace is a traceability software that allows users to associate a set of sterilised dental instruments with a patient by reading the barcode or QR code.

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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