



anthos.com



**BU MEDICAL EQUIPMENT
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**STABILIMENTO
PLANT**

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Making Your Life Better.

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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.

**A
PLATINUM**



EN
**Anthos A Platinum
Autoclaves**
A - 17 Platinum
A - 22 Platinum
A - 28 Platinum
**per
form**

per form



User-friendly communication.

Video tutorials displayed on the 7" HD display, communication via the integrated LED bar and monitoring with the SterilConnect App. State-of-the-art technologies at the service of the user.

Advanced traceability.

Shared by the A Platinum sterilisers, the printer creates QR code/Barcode labels to optimise control of cutting-edge traceability. The SterilConnect App and MyTrace platform extend the sterile load monitoring capabilities.

Water management.

An integrated system eliminates the need to store demineralised water in the practice. The demineralising filter allows the autoclave to be supplied with mains water: a recirculation filter treats used water so it can be re-utilised. The result: up to 50 cycles with just 5 litres.

Streamlined workflow

IN-BUILT EFFICIENCY

An integrated recovery system allows water to be recycled for use in subsequent sterilisation cycles, significantly reducing autoclave water consumption. In addition to minimising waste, the A Platinum model lowers costs and boosts efficiency, eliminating the need to organise demineralised water

supplies and storage. Screen size and performance - plus meticulous design of the user interface - streamline steriliser use. Video tutorials and indicator lights make it one of a kind. The adopted components and advanced control software provide outstanding performance.



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Integrated demineralization.

A demineralization filter in the main reservoir allows use of ordinary mains water. This rationalises the available space, streamlines processes and provides significant savings. Moreover, the integrated filtration system delivers never-before-seen operational simplicity. To make water management even simpler, optional automatic filling systems are available.



Treating used water.

The recirculation filter in the secondary tank demineralizes and purifies the used water. This process makes it reusable in subsequent sterilisation cycles and automatically controls the water delivery reservoir. Just 5 litres of mains water are needed to perform 50 sterilisation cycles: a market-leading specific consumption of just 100 ml/cycle.



Video tutorials, on-display info

HD images make the 7" display a valuable aid for all users. Simple video tutorials provide important machine use and maintenance instructions. A full complement of information - from indications on load positioning to instructions for periodic maintenance - is readily accessible on the machine. It's also possible to view the cycle reports saved on the autoclave memory.



Shorter cycle times and Modular Drying.

A combination of reliable, high-performance internal components and a control system that optimises each phase reduces sterilisation cycle times. The exclusive Modular Drying function lets users select the load quantity to be sterilised. This adapts the duration of the drying phase, thus shortening cycle times. A complete B cycle in just 31 minutes.



LED bar.

The device also communicates using indicator lights. The LED bar incorporated in the door shows machine status by varying the colours according to the phase of operation. Users can thus recognise the current phase of autoclave operation at a glance, even from some distance away.

Connectivity and data management

Connecting the autoclave to the internet via the in-built Wi-Fi or Ethernet links the steriliser to an integrated data management system, essential for advanced traceability. Users can also take advantage

of other features such as automatically saved cycle reports, local or remote consultation and printer management.

OPTIMISED MANAGEMENT



Cloud Tools.

Di.V.A. is an optional Cloud environment for sterilisation devices. A highly useful tool for saving cycle reports, monitoring the device or accessing video tutorials, manuals and usage statistics. EasyCheck, a Cloud-based remote assistance platform, ensures efficiency and reliability, shortening intervention times.



QR code labels.

Activating this function lets users produce adhesive QR code labels to apply on sterile packages at the end of every cycle. The QR code contains unique information that identifies the steriliser, the cycle used, its outcome and the expiry date of the sterile package. It's also possible to print Barcode labels and cycle reports.



Shared printer.

The optional printer lets you complete the sterilisation process performed with the autoclave. 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.



NFC - Near Field Communication.

The NFC sensor simplifies the assistant's workflow. Activating user ID ensures only authorised personnel can access the machine functions. To activate, simply bring the NFC card, supplied with the steriliser and associated with the user, up to the machine.



SterilConnect.

Any network-connected mobile device 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 its functions.

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

ACCESSORIES



External printer.

Connected to A 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.



Front filling kit.

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



Automatic filling kit.

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



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.



Modular tray holder.

Modular housing system to load the steriliser. Supplied with 3 pairs of shelves to house the trays: lets you make full use of the entire chamber diameter and insert even the bulkiest loads.



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 specifications	A-17 Platinum	A-22 Platinum	A-28 Platinum
Power supply		220/240 V 50Hz 220/230 V 60Hz	
Rated power		2300 W	
External dimensions (LxHxD)		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
Reservoir capacity		6 l	
Autonomy (with water at max. level)	From 7 to 11 cycles	From 6 to 10 cycles	From 5 to 9 cycles

CYCLE	Cycle type	Sterilisation time (min.)	A-17 Platinum	A-22 Platinum	A-28 Platinum
			Cycle times including sterilisation time 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 + 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

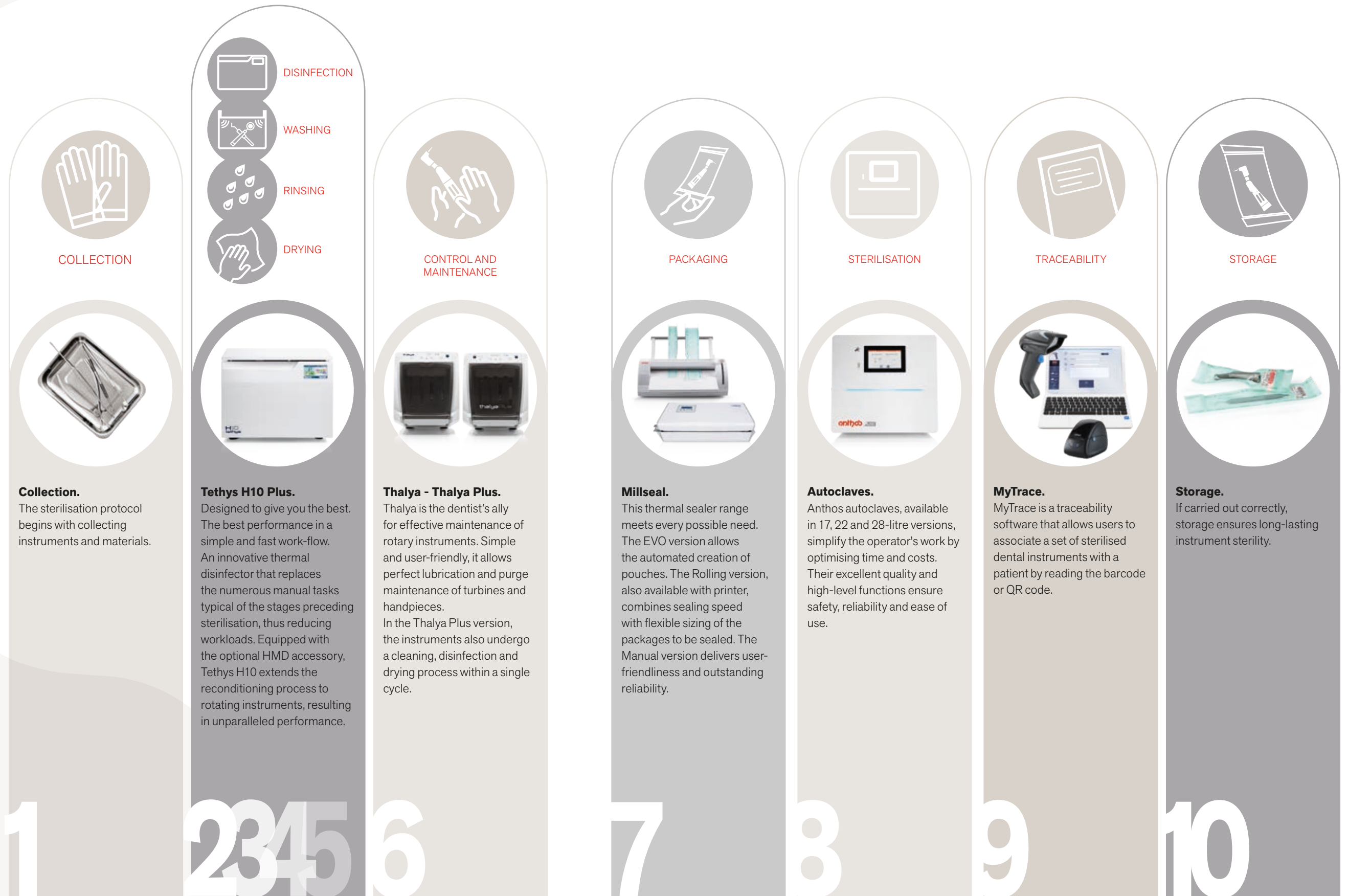
Note: times do not take the pre-heat time into account

Note: the indicated times are based on an average load

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

Sterilisation protocol.

The Anthos response to ensure correct implementation of sterilisation protocols and protection of patients and health workers.



COLLECTION

Collection.
The sterilisation protocol begins with collecting instruments and materials.

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DISINFECTION



WASHING



RINSING



DRYING



Tethys H10 Plus.
Designed to give you the best. The best performance in a simple and fast work-flow. 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.

2345



CONTROL AND MAINTENANCE



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.

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PACKAGING



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.

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STERILISATION



Autoclaves.
Anthos 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.

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TRACEABILITY



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.

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STORAGE



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

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