E10

EN

Powerful and connected, for first-class sterilization

Euronda®

Pro System

E10

Powerful and connected, for first-class sterilization

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Euronda Pro System

Product, Process, Protection

Cleaning

Ultrasonic tanks

Eurosonic 4D
Eurosonic 3D
Eurosonic Energy

Multifunctional tanks

Eurosafe Smart

Thermodisinfectors

Eurosafe 170
Eurosafe 60

Packaging

Thermosealers

Euromatic
Euroseal Valida
Euroseal
Euroseal Infinity

Euronda Pro System is the protection system developed to guarantee a complete and effective instrument reprocessing protocol that protects the safety of operators, patients and the working environment.

Sterilization is a multi-step process and its success depends on the correct execution of each step, from collection to storage. Thanks to the Euronda Pro System line, an advanced and traceable protocol that increases safety and optimises the practice's resources can be applied simply, efficiently and repeatedly over time.

Sterilization

Autoclaves

E10
EXL
E9
E8

Water treatment

Aquaosmo
Aquafilter 1 to 1
Aquadist

Control test

Traceability systems

Intuitive interface

The interface has been designed with a simple and intuitive logic. Quickly starting cycles by swiping, the possibility to customise them in a few clicks, and video tutorials guiding the user through small routine maintenance procedures simplify the daily use of the device.

Traceable

Sterilization data can be saved on USB and transferred to a PC via Ethernet connection or WiFi. The cycle archive is easily accessible and searchable from the menu, with the possibility of generating a convenient summary on PDF with all the information on the cycles performed.

Premium design

E10 is a gem when it comes to design. The compact shape and white of the body bring out the colours of the 7" display. The coloured LED next to the handle acts as a light guide, informing the user immediately about the status of the device or the stage of the sterilization cycle, and also ensuring better visibility of the trays when loading and unloading.

High-performance

The state-of-the-art vacuum pump and drying system guarantee high-performance and silent sterilization. Air filters prevent dirt from entering the autoclave, preserving the internal components and their efficiency over time.

E10

Powerful and connected, for first-class sterilization

Class B autoclave intuitive, traceable and high-performance: enables you to manage your sterilization data in a comprehensive way, thanks to the exceptional digital and paper-based traceability systems. The intuitive interface with 7" colour display and coloured LED next to the handle simplify and speed up day-to-day operations.

E10 enables you to select five different B cycles and, after entering a password, an S and N cycle. In addition to cycles, tests can also be scheduled to optimise uptime.

With standard traceability, all cycle data can be transferred and conveniently managed on a PC via the free E-Data software. You can also install three different optional print set —at any time—to print receipts or thermal labels with data or barcodes.

With E10, everything is designed to be within reach: the printer compartment is easily accessible, the air filters can be removed with a simple click for cleaning or replacing, the front porthole adjustment and door release operations are simple and immediate.

The control systems and advanced features common to all Euronda Pro System autoclaves guarantee safe processes and results over time.

Accessories supplied
Standard tray holder and five trays, drainage pipes, sponge, tray extraction handle, door adjustment handle, funnel.

Classification
Medical Device Class IIb, CE0051

Dimensions
46 x 45.5 x 61 cm (wxhxd)

Weight
47.5 Kg (18 L) - 50.5 Kg (24 L) (empty machine with tray holders and trays)

Chamber capacity
18 or 24 L

Power supply
230 V | 50/60 Hz

Power consumption
2300 W

Water consumption
0.3 L

Connectivity
Included: Ethernet, USB, WiFi, E-Memory and E-Data software

Euronda Pro System technologies and solutions

Efficiency and reliability in a single platform

Euronda Pro System autoclaves are developed on a common platform that guarantees efficiency, reliability, safety and usability on every model in the range.

All autoclaves share the same modular structure, optimised control and management systems, accessories and spare parts.

Modular system

The modular design of the Euronda Pro System autoclaves allows the side panels to be easily removed for ease of maintenance.

Inspection System

The inspection system for autoclaves is in full compliance with EN 13060. Inspection System makes tank cleaning quick and easy.

Conductivity meter

The integrated conductivity sensor constantly monitors the water quality, preventing possible malfunctions due to the use of unsuitable water.

Steam generator

Guarantees excellent performance in terms of speed, safety and sterilization.
It improves water consumption by calibrating it according to the load and, in synergy with the heating elements, offers perfect drying.

Air-water separator

It acts as a protection for the vacuum pump, preventing dirt residues, lubricating oil residues, and steam from damaging the internal components, thus preserving the efficiency and reliability over time.

Dirt Control System

The dirt management system in the hydraulic circuit allows precise separation of clean and dirty water flows so that the autoclave can continue to work at maximum efficiency.

Smart cooling system

The cooling system is equipped with a probe that allows the most efficient management of the vacuum pump, ensuring longer life and effectiveness.

Innovative interface

The 7'' screen of E10 features a visually clear and functional interface that works seamlessly with the minimalist design of the device and is easy, comprehensive and quick when used.

E10 helps optimise workflows in an intuitive way, ensuring maximum freedom during operations.

Fast

The interface of E10 is intuitive and functional thanks to the step-by-step installation guide, information translated into 28 languages, descriptions beneath the settings that guide the user when using the device, and favourite cycles available from the main screen, making selection, customisation and start-up quicker.

Just a click away

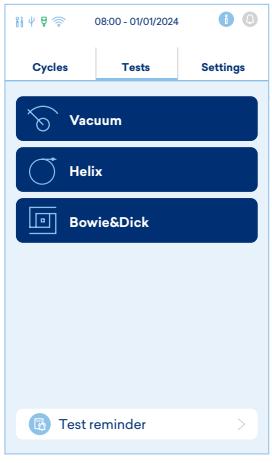
The interface of E10 is designed to simplify your workflow by making all the main sections easily accessible in just a few clicks: the navigation menu at the top allows you to access the device's settings at any time or to choose between cycles and tests, which start right away with just a simple swipe.

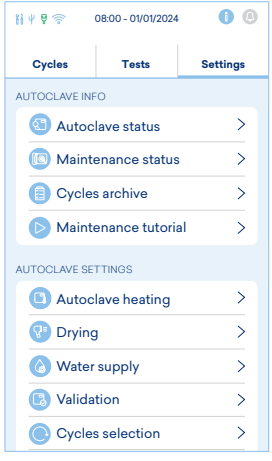
User-centric

E10 is user-friendly: the notification system reports scheduled cycles and tests and any errors, helping the user with troubleshooting and routine maintenance.

Fixed navigation menu

For quick access to cycle and test start-up and scheduling and device settings.





Header

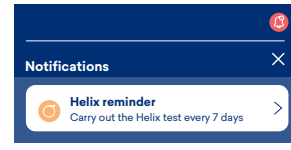
Date, time and all connectivity info available in the section at the top.

Info

Access all device information with just a simple click.

Notifications

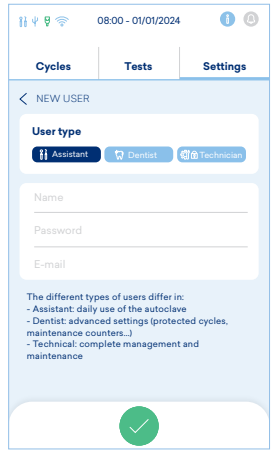
The notification icon changes colour to report any errors or warnings and to alert you to any maintenance work required.



Cycle homepage

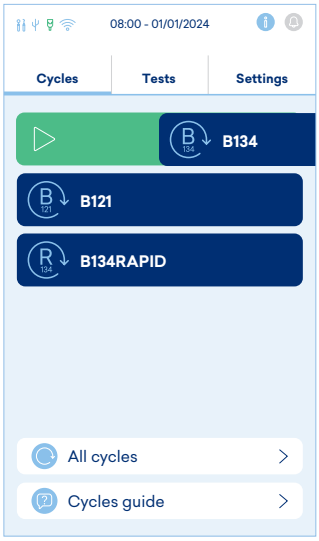
Rapid start-up for your favourite cycles, making cycle management quick and easy.

User profiles



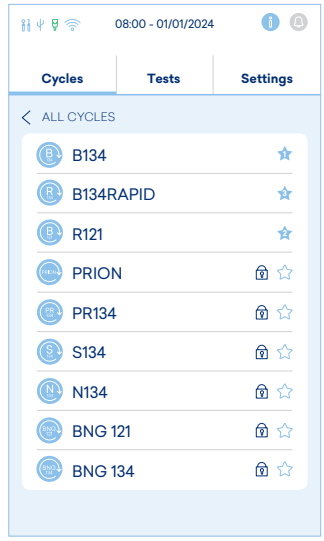
3 user profiles (assistant, dentist and technician) with different privileges, for totally customised management.

Cycles



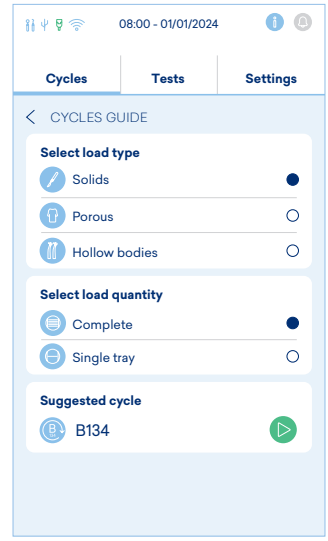
Quick start-up for cycles and tests

You can begin a cycle or test with a quick swipe of your finger.



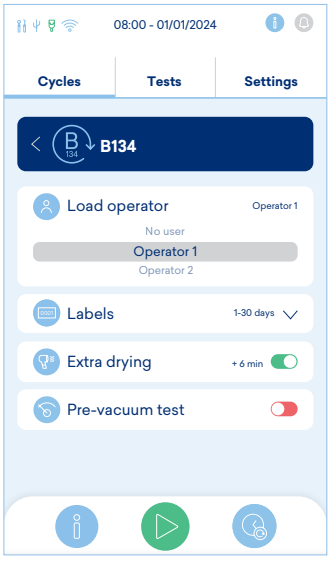
Favourite cycles on the homepage

You can select your favourite cycles so that they remain available to start straight away from the home.



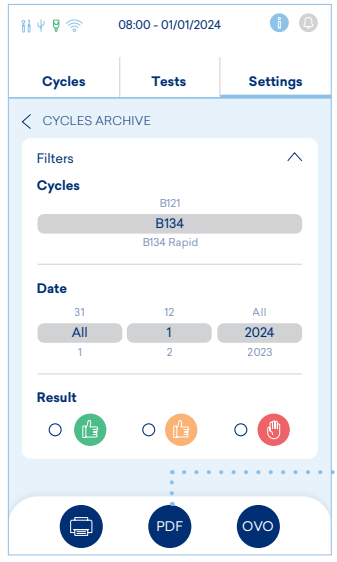
Guide to cycles

When selecting the load type and quantity, E10 suggests the cycle best suited to each requirement.



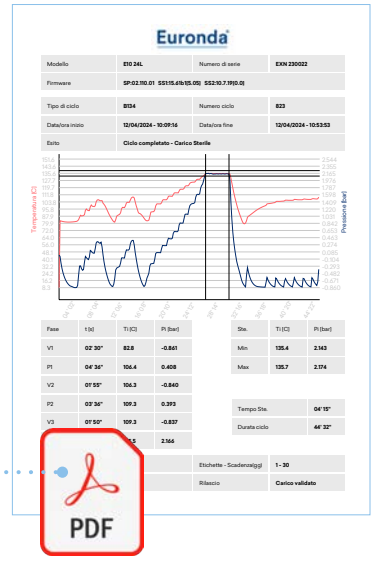
Customising cycles

The drying time, number and type of labels and loading and unloading operator can be customised with each cycle.



Exportable cycle archive

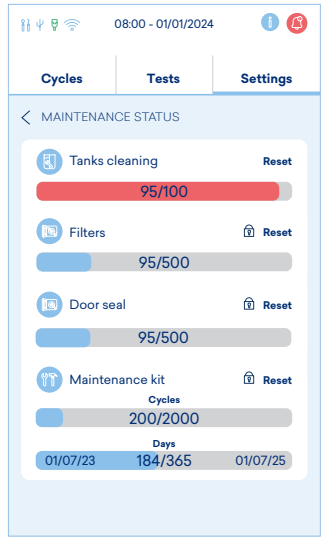
E10 allows you to generate—in just a few clicks—a PDF with cycle information directly on the display.



Maintenance

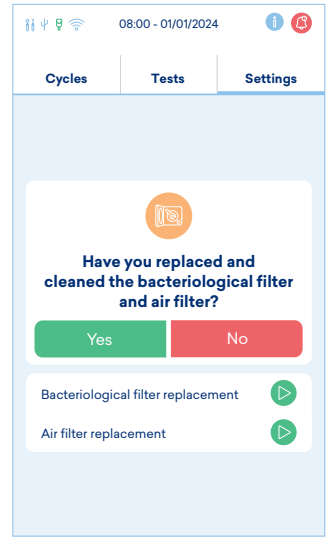
Maintenance notifications

Whenever maintenance work is required, E10 will report this via the notification section.



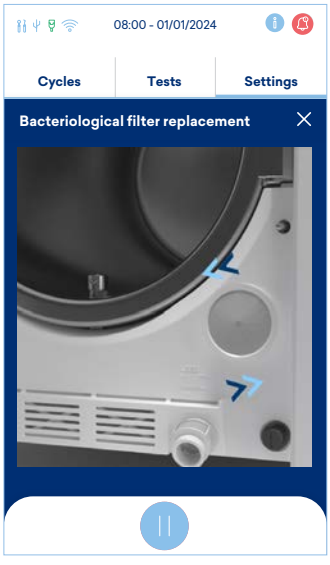
Maintenance status

The counters show the maintenance status at a glance.



Counter resetting

For carrying out regular maintenance and staying on track at all times.



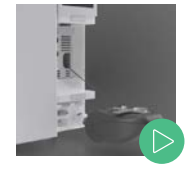
Video tutorials

To support the user with routine maintenance work.

Changing air filters

Bacteria filter replacement

Door gasket replacement



Printer installation

Chamber filter cleaning

Tank cleaning

Door adjustment

Safety pin release

08:00 - 01/01/2024
B134
Cycle completed
Sterile load
Door unlocked
To proceed, open the door

Sterilization cycles and test programs

E10 offers the possibility of performing B, N and S cycles in addition to test programs (Vacuum, Helix, Bowie and Dick). From the menu it is possible to select 3 type B cycles (121°, 134°, 134° Prion) and 2 fast cycles (134° fast, 134° Prion fast), in full compliance with EN 13060.

Fast cycles allow sterilization of a small load (1 tray and a 0.6 Kg solid load) 30% faster than standard cycles. It is also possible to perform N (N134) and S (S134) type cycles, which can be activated by a password.

Cycle programming

E10 allows you to programme the start of the sterilization cycles and tests at the desired time, optimising the workload of the clinic. With this function, the vacuum test can be scheduled before the practice opens, with the flexibility to start an additional test or sterilization cycle if necessary.

Test reminder

E10 allows a reminder to be set for running test programs at a desired time interval, making it easier to manage the clinic and operate safely at all times.

Visual feedback

The LEDs in the handle compartment act as a light guide informing you immediately about the stage of the sterilization cycle (blue: running, green: sterile, red: non-sterile, orange: sterile not dry).

B cycles

	B 134		B 121	
Description	Cycle for bagged and non-bagged solid, porous or hollow material		Cycle for solid or porous, bagged and non-bagged material, particularly suitable for sterilization of plastics, turbines and handpieces	
Chamber capacity	**18 L**	**24 L**	**18 L**	**24 L**
Temperature	134°C	134°C	121°C	121°C
Pressure	2.05 bar	2.05 bar	1.05 bar	1.05 bar
Sterilization phase duration	4'	4'	20'	20'
Drying phase duration	15'	15'	15'	15'
Total duration with standard load*	21'	24'	39'	40'
Maximum solid/porous load	4.5 Kg / 1.5 Kg	6 Kg / 2 Kg	4.5 Kg / 1.5 Kg	6 Kg / 2 Kg

S and N cycles**

Password-activated

	S 134		N 134	
Description	Sterilization of bagged or non-bagged solid products		Sterilization of non-bagged solid products	
Chamber capacity	**18 L**	**24 L**	**18 L**	**24 L**
Temperature	134°C	134°C	134°C	134°C
Pressure	2.05 bar	2.05 bar	2.05 bar	2.05 bar
Sterilization phase duration	4'	4'	4'	4'
Drying phase duration	/	/	4'	4'
Total duration with standard load*	17'	17'	18'	18'
Maximum solid/porous load	4.5 Kg	6 Kg	4.5 Kg	6 Kg

	B 134 prion		B 134 - fast		B 134 prion - fast	
	Prion cycle for solid, porous or hollow, bagged and non-bagged material		Fast cycle for solid, porous or hollow material, bagged and non-bagged (1 tray)		Fast prion cycle for solid, porous or hollow material, bagged and non-bagged (1 tray)	
	18 L	**24 L**	**18 L**	**24 L**	**18 L**	**24 L**
	134°C	134°C	134°C	134°C	134°C	134°C
	2.05 bar	2.05 bar	2.05 bar	2.05 bar	2.05 bar	2.05 bar
	18'	18'	3'30''	3'30''	18'	18'
	15'	15'	4'	4'	4'	4'
	35'	37'	20'	23'	35'	37'
	4.5 Kg / 1.5 Kg	6 Kg / 2 Kg	0.6 Kg / 0.2 Kg	0.6 Kg / 0.2 Kg	0.6 Kg / 0.2 Kg	0.6 Kg / 0.2 Kg

** Times are exclusive of the drying phase. The time may vary by +-5%.*

*** All cycles are available unless specific national legal regulations state otherwise.*

Load capacity

For E10, the maximum load of bagged solids is 4.5 Kg for the 18-litre version and 6 Kg for the 24-litre version.

E10 offers up to 3 solutions to optimise the load to be sterilized according to different requirements: the standard tray holder with 5 trays, 1 tray holder and 1 universal support surface, both optional.

Standard tray holder

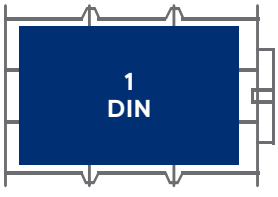
The square panelled stainless steel tray holders are designed for loading 5 standard aluminium trays. Available in 18 and 24 litre versions. When rotated by 90°, it allows 3 rows of bagged cassettes to be inserted. 5 trays included.

Dimensions

18 L tray holder: 19.5 x 19.5 x 30 cm (wxhxd)
18 L tray: 18.5 x 2 x 28 cm (wxhxd)
24 L tray holder: 19.5 x 19.5 x 40 cm (wxhxd)
24 L tray: 18.5 x 2 x 38 cm (wxhxd)

Suggested configurations

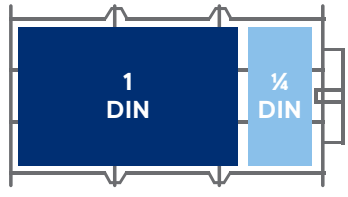
For the 18 L version



1 x 1 DIN cassette x 3 compartments

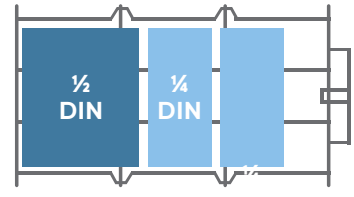
Total cassettes: 3 x 1 DIN
Total DIN: 3 DIN
Load to be sterilized*: 2 Kg

For the 24 L version



1 x 1 DIN cassette + 1 x ¼ DIN cassette x 3 compartments

Total cassettes: 3 x 1 DIN + 3 x ¼ DIN
Total DIN: 3 DIN and ¾
Load to be sterilized*: 3.5 Kg



1 x ½ DIN cassette + 2 x ¼ DIN cassette x 3 compartments

Total cassettes: 3 x ½ DIN + 6 x ¼ DIN
Total DIN: 3 DIN
Load to be sterilized*: 3.5 Kg

** Recommended and variable load depending on the type and weight of the cassettes used*

Optional accessories

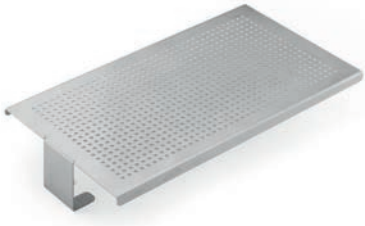
For the 24 L version

Tray holder for cassettes

The curved steel tray holder allows the insertion of 5 standard aluminium trays or, when rotated 90°, 4 x 1 DIN and 4 x ¼ DIN bagged cassettes. Trays not included.

Dimensions
19.5 x 22.5 x 40 cm (wxhxd)

For the 18 and 24 L versions



Universal support surface

Steel support surface suitable for larger loads.
To be installed directly in the boiler, after removal of the supplied tray holder.

Dimensions
18 L version: 19.5 x 5.5 x 25 cm (wxhxd)
24 L versions: 19.5 x 5.5 x 35 cm (wxhxd)

Complete and integrated traceability

With the E10, the management and archiving of the results of the sterilization process is simplified by means of a digital and paper-based traceability system.

All sterilization cycles are saved on USB (standard) and can be transferred to a PC via Ethernet connection or WiFi (both standard).

The 3 different types of printers (optional) allow cycles to be printed on thermal paper or labels.

Print Set 1

Internal printer with thermal paper, for accessing paper-based cycle recording, for keeping records.

Print Set 2

Internal printer for adhesive labels, for labelling loads securely with the possibility of printing barcodes as well.

Print Set 3

External printer for adhesive labels, for printing large quantities of adhesive labels, including barcodes.

Digital traceability

Compliant with EN 13060, storage is available either via USB to easily transfer all data from the autoclave to the computer, or via Ethernet or WiFi connection.

Load validation and release

This function allows the user to digitally record the conformity of the sterilization process, both during loading and unloading. Once the operator has checked the integrity and drying of the pouches, the status of the instruments and compliance with the sterilization parameters, the load can then be validated.

Print set options

The expandable traceability system allows 3 different types of printers to be installed, depending on requirements. Print Set 1 and 2 are installed at the front of the autoclave without additional space, while Print Set 3 is placed outside the device.

E-Memory

For total traceability in your practice

Software for the complete archiving, management and traceability of all sterilization cycles and data directly on a PC. E-Memory acquires the sterilization process data automatically, semi-automatically or manually, storing it on the PC where it can be easily organised, searched, printed or sent by email.

It also makes it possible to trace and select all information related to the cycles performed by the different devices (thermodisinfector, sealer and autoclave) involved in the sterilization process.

It is easy to consult and manage, and allows you to send selected cycles and data directly to technical support in just a few clicks, and to automatically produce reports and PDF certificates with header, graphic logo and personal data.

Download

Control test

The Euronda Pro System product range includes 3 function tests, designed as a perfect complement to the daily use of the autoclaves.

The purpose of these tests is to verify the operational effectiveness of the autoclave in performing type B or S cycles.

Helix test

Control test for Class B autoclaves to assess the steam penetration capacity in hollow loads.

Packaging
Pack with 1 cannula and 250 control indicators

Bowie & Dick test

Control test for autoclaves to check steam penetration capacity in porous loads.

Packaging
Pack of 10 tests

Prion test

Test for class B autoclaves. Calibrated to temperature, time and pressure parameters considered effective in 134° Prion cycle sterilization (134° x 18 minutes).

Packaging
Pack of 200 control indicators

Practical

It does not require a power supply and can be installed on a worktop or inside a cabinet.

Compatible

Aquaosmo connects directly to all class B autoclaves thanks to the Aquabox device.

Multiple autoclaves

It can supply two to four autoclaves at the same time, thanks to the 12-litre storage tank, and after installation of the Aquabox device.

Fast

Thanks to the filter system, it can deionise 1 litre of water in 20 minutes.

Aquaosmo

The advanced osmosis system for multiple autoclaves

Device for the production of osmosis water through a reverse osmosis process, suitable for clinics with high water hardness. The filtering system consisting of a sediment filter and carbon filter, resin and osmotic membrane, guarantees high quality water production, suitable for supplying the autoclaves and all the practice's equipment in compliance with standard EN 13060 (<15 µs/cm).

Does not require a power supply and can be installed on a worktop or inside a cabinet. Aquaosmo offers excellent filtration performance and reliability with reduced environmental impact, thanks to the use of a single resin with a guaranteed life of 12 months.

Accessories supplied
Aquabox and external storage tank.

Dimensions
30 x 35 x 16 cm (wxhxd)

Weight
5.5 Kg (empty)

It can supply
Up to 4 autoclaves

Water production
1 L of water every 20 minutes

Supply pressure
Min 2 / max 8 bar

Inlet water conductivity
Max. 800 µs

Accessories

Aquabox
It allows the connection of Euronda Pro System autoclaves to an external treated water source.

External storage tank
Two to four autoclaves can be fed. Capacity: 12 L.

Water nozzle
Gun with hose extendable up to 80 cm. It connects to the Aquaosmo outlet and enables osmosis water to be delivered manually.

Aquafilter 1 to 1

The ideal deionisation system for a single autoclave

Device for the production of deionised water for autoclaves, in accordance with EN 13060 (< 15 µS/cm). Only one Euronda Pro System autoclave can be supplied.

It deionises on average 1 litre of water per minute. It can be equipped with automatic shut-off device. It can be placed directly on the worktop or inside a cabinet, as well as mounted to a wall.

Accessories supplied
Two ion exchange resins.

Dimensions
39 x 45.5 x 14.5 cm (wxhxd)

Weight
8.5 Kg (empty)

It can supply
1 autoclave

Water production
1 L of water every minute

Supply pressure
Max 8 bar

User-friendly

An indicator light shows the conductivity level of the water, indicating when the resins need to be replaced.

Easy to install

The quick couplings allow direct connection to the autoclave and water supply.

Aquadist

Distilled water ready for every need

Water distiller for obtaining distilled water by boiling and subsequent steam condensation. It distils 0.7 L of water per hour. 4-litre capacity.

Dimensions
23 x 36 cm (Øxh)

Weight
3.5 Kg

Water production
0.7 L of water every hour

Power consumption
580 W

Practical

Easy to use, it produces ready-to-use distilled water in no time.

Effective

Its 4-litre capacity makes it useful for covering several sterilization cycles.

Technical features

	18 L	24 L
Overall dimensions	46 x 45.5 x 61 cm (wxhxd)	
Minimum depth of the support surface	50 cm	
Minimum width of the support surface	46 cm	
Minimum space above the tank	30 cm	
Weight (empty machine with tray holder and tray)	47.5Kg	50.5 Kg
Weight per support area (full tank and chamber with maximum load)	47.5 Kg + 13 Kg = 60.5 Kg Load on each foot: 15.1 Kg	50.5 Kg + 14.5 Kg = 65 Kg Load on each foot: 16.2 Kg
Power supply	230 V 50/60 Hz	
Absorption	2300 W 10 A	
Average water consumption per cycle	0.3 L	
Tank capacity (clean water/used water)	4 / 4 litres	
Noise	50 dB	
Accessories included	Standard tray holder and 5 trays, drainage pipes, sponge, tray extraction handle, door adjustment handle, funnel	

Compliance with harmonised standards

- EN 13060
- EN 14971
- EN 61010-1
- EN 61010-2-040
- EN 61326
- EN 13445

Documentation

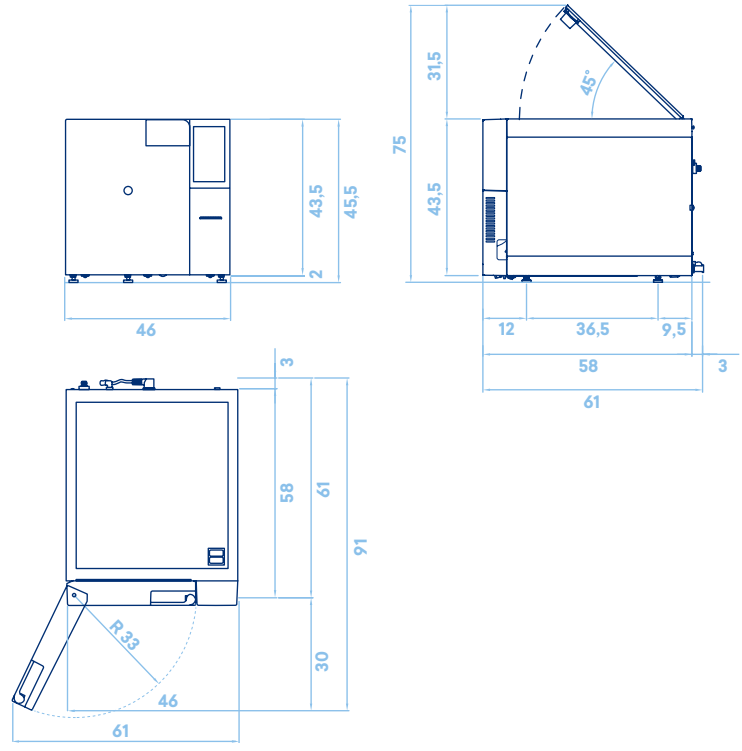
- User's manual
- Declaration of room conformity
- Declaration of autoclave conformity
- Warranty certificate
- Installation sheet
- Service booklet

Certifications

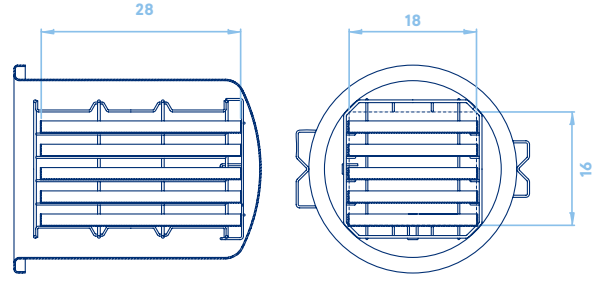
- Medical Device Class IIb compliant with Regulation (EU) 2017/745 (MDR)
- Chamber compliant with Directive 2014/68/EU
- Certified company: ISO 9001, ISO 13485, ISO 14001
- Model: SSUT\18L2023 and SSUT\24L2023

Technical data sheet

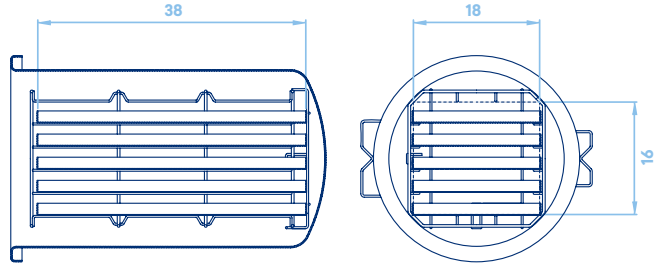
Dimensions and footprint (cm)



18 L chamber dimensions (cm)



24 L chamber dimensions (cm)



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