E10

EN

Powerful and connected, for first-class sterilization

Euronda®
Pro System

E10

Powerful and connected, for first-class sterilization

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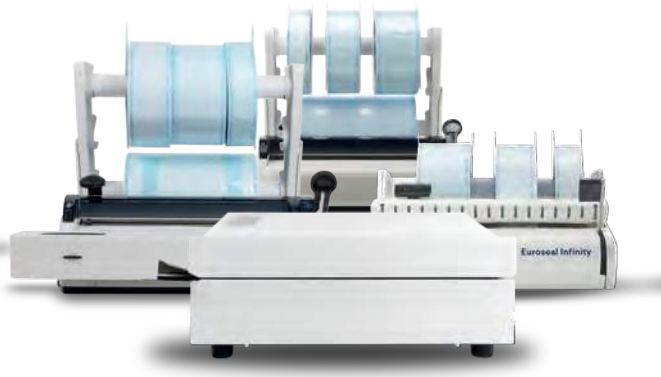
Euronda Pro System

Products, Process, Protection



Cleaning

Thermo-disinfection

Eurosafe 170
Eurosafe 60

Ultrasonic washing

Eurosonic 4D
Eurosonic 3D
Eurosonic Energy

Packaging

Thermo-sealing

Euromatic
Euroseal Valida
Euroseal
Euroseal Infinity

Sterilization rolls and pouches

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 systems

Aquaosmo
Aquafilter 1 to 1
Aquadist

Clear

The LEDs in the handle compartment act as a light guide giving immediate feedback on the status of the device or the stage of the sterilization cycle (blue: running, green: sterile, red: non-sterile, orange: sterile not dry). They also provide better visibility of the trays during loading and unloading.

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.

Premium design

E10 is a gem when it comes to design. The compact shape and the white of the body enhance the colours of the 7'' display and light path. Everything is designed to be within easy reach: accessible printer compartment, front door adjustment, simplified door release, removable air filters for one-click cleaning or replacement.

User-centric

E10 is tailor-made for each user: the installation wizard is quick and simple, descriptions below the settings guide the user through its operation, the selection of favourite cycles on the main screen speeds up the start-up process, and the notification system indicates errors to the user, guiding them through troubleshooting and routine maintenance.

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.

High-performance

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

E10

Powerful and connected, for first-class sterilization

Intuitive, traceable and high-performance: E10 enables the complete and connected management of sterilization data with the best digital and paper-based traceability systems. Its intuitive interface, with a 7" colour display, simplifies and speeds up daily operations. E10 offers the option of selecting 5 different B cycles and, after entering a password, 1 S and N cycle. In addition to cycles, tests can also be programmed to optimise the use of time. Thanks to the USB Ethernet connection (both standard), all cycle data can be transferred and conveniently managed on a PC via the free E-Data software, while the WiFi (standard) enables full digital traceability. It is also possible to install 3 different types of optional printers, at any time, for printing receipts or thermal labels containing data or barcodes. The control systems and advanced functionalities common to all Euronda Pro System autoclaves guarantee safe processes and results over time: the Inspection System allows easy and frequent cleaning; the Dirt Control System separates clean and dirty water flows, draining the dirt from the hydraulic circuit; the conductivity meter constantly monitors water quality; while the air-water separator optimises the pump operation.

Classification
Medical Device Class IIb

Dimensions
46 x 45.5 x 61 cm (wxhxd)

Weight
47,5 Kg (18 L) - 50.5 Kg (24 L) (empty machine with tray holder 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

CE Ref
SSUT\18L2023
SSUT\24L2023

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 world's first inspection system for autoclaves 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

The instant 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

The air-water separator is a "lifesaver" for the vacuum pump: it separates flows containing steam, air, dirt, lubricating oils and residues from the instruments to be sterilized from the air, creating ideal operating conditions for the pump and preserving its efficiency.

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.

08:00 - 01/01/2024
Cycles
Tests
B121
R134
S134
All cycles
Cycles guide

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.

Customising cycles

With E10 a cycle can be started with one quick swipe. With a few simple clicks you can also access the customisation of the cycle where you can change the drying time, the number and type of labels to be printed, as well as the loading and unloading operator, for a perfect balance of customisation, simplicity and immediacy.

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.

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 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 load	4.5 Kg	6 Kg	4.5 Kg	6 Kg

	B 134 prion		B 134 - rapid		B 134 prion - rapid	
	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 4 solutions to optimise the load to be sterilized according to different requirements: the standard tray holder with 5 trays, 2 optional tray holders for the 18-litre version and 3 optional tray holders for the 24-litre version.

Standard tray holder

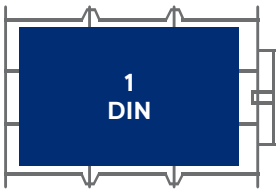
The square panelled stainless steel tray holders are designed for loading 5 standard aluminium trays. Available in 18 and 24 litre versions. When rotated by 90°, it allows 3 rows of bagged cassettes to be inserted. 5 trays included.

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

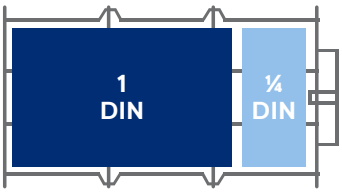
For the 18 L version



1 x 1 DIN cassette x 3 compartments

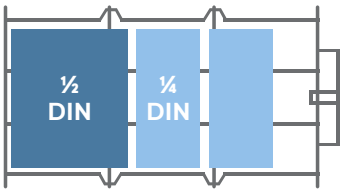
Total cassettes: 3 x 1 DIN
Total DIN: 3 DIN
Load to be sterilized*: 2 Kg

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 18 and 24 L versions

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 for the 24 L version or 4 x 1 DIN bagged cassettes for the 18 L version. Trays not included.

Dimensions
18 L version: 19.5 x 22.5 x 30 (wxhxd)
24 L version: 19.5 x 22.5 x 40 cm (wxhxd)

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)

For the 24 L version

Tray holder for sterilization unit

The rounded steel tray holder allows the insertion of 5 standard aluminium trays or, if rotated by 90°, one or more sterilization containers. Trays not included.

Dimensions
19 x 15 x 38 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 2 different types of printers (optional) allow cycles to be printed on 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

E-Memory is the software for the complete archiving, management and traceability of all sterilization cycles and data directly on a PC. This application can automatically, semi-automatically or manually capture data from the sterilization process and save it directly to the computer. This data can be easily organised, searched, printed and emailed.

E-Memory 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

Water treatment systems

The water used to feed the autoclaves within the practice must be treated to ensure proper functioning and prolong the life of the devices.

Euronda Pro System offers a range of water treatment devices to choose from depending on the conductivity value of the water and the number of autoclaves in the practice.

Device	**Water conductivity**	**Number of autoclaves**
Aquaosmo*	≤ 800 µS	1 to 4 autoclaves
Aquafilter 1 to 1	≤ 600 µS	1 autoclave
Aquadist	Any level of conductivity	Any number of autoclaves

**Aquaosmo is equipped as standard with an Aquabox device for connecting the autoclave to the water treatment system. An Aquabox device must be set up for each additional autoclave.*

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). Designed to be connected directly to the autoclave after installation of the Aquabox device, Aquaosmo can supply from 2 to 4 autoclaves at the same time if fitted with a 12-litre capacity external storage tank kit (both accessories are included). Aquaosmo 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.

Dimensions
30 x 35 x 16 cm (wxhxd)

Weight
5.3 Kg (empty)

It can supply
Up to 4 autoclaves

Water production
1 L of water every 20 minutes

Supply pressure
min 2 / max 8 bars

Inlet water conductivity
Max. 800 µs

Speed

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

Compatibility

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

Multiple autoclaves

It can supply up to 4 autoclaves at the same time thanks to the 12-litre storage tank.

Practical

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

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. Included in the initial equipment are two ion exchange resins.

Dimensions
39 x 45.5 x 14.5 cm (wxhxd)

Weight
8.4 kg (empty)

It can supply
1 autoclave

Water production
1 L of water every minute

Supply pressure
Max 8 bars

High-performance

It allows quick, easy and effective autoclave feeding.

Easy to install

The quick couplings allow direct connection to the autoclave and the 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. It fulfils the safety and electromagnetic compatibility (2014/30/EU) and low voltage (2014/35/EU) tests.

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

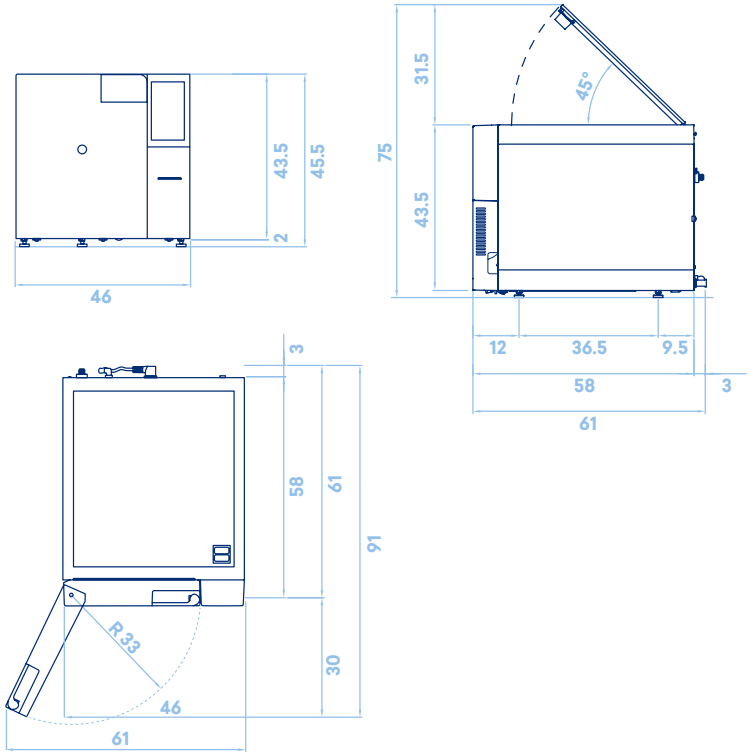
- User's manual
- Declaration of room conformity
- Declaration of autoclave conformity
- Warranty certificate
- Installation sheet
- Service booklet

Certifications

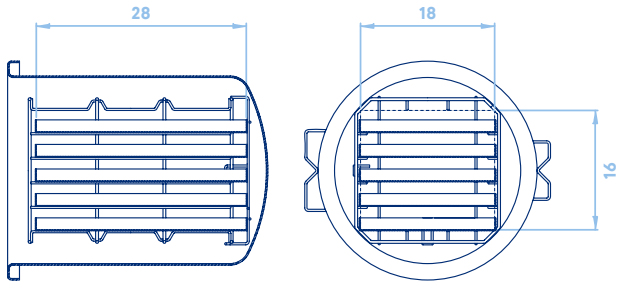
- Medical Device Class IIb compliant with Regulation (EU) 2017/745 (MDR)
- Chamber compliant with Directive 2014/68/EU
- Certified company: ISO 9001, ISO 13485, ISO 14001
- Model: SSUT\18L2023 and SSUT\24L2023

Technical data sheet

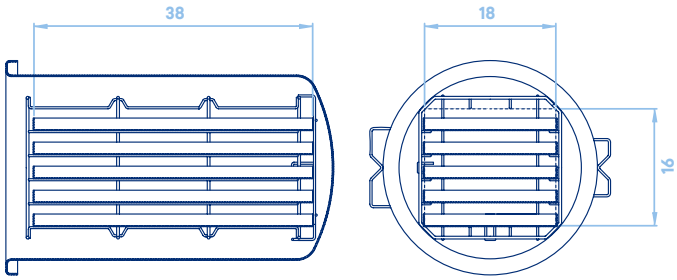
Dimensions and footprint (cm)



18 L version chamber size (cm)



24 L version chamber size (cm)



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While maintaining the basic features of the product, the manufacturer reserves the right to make changes at any time with the sole aim of improvement.

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