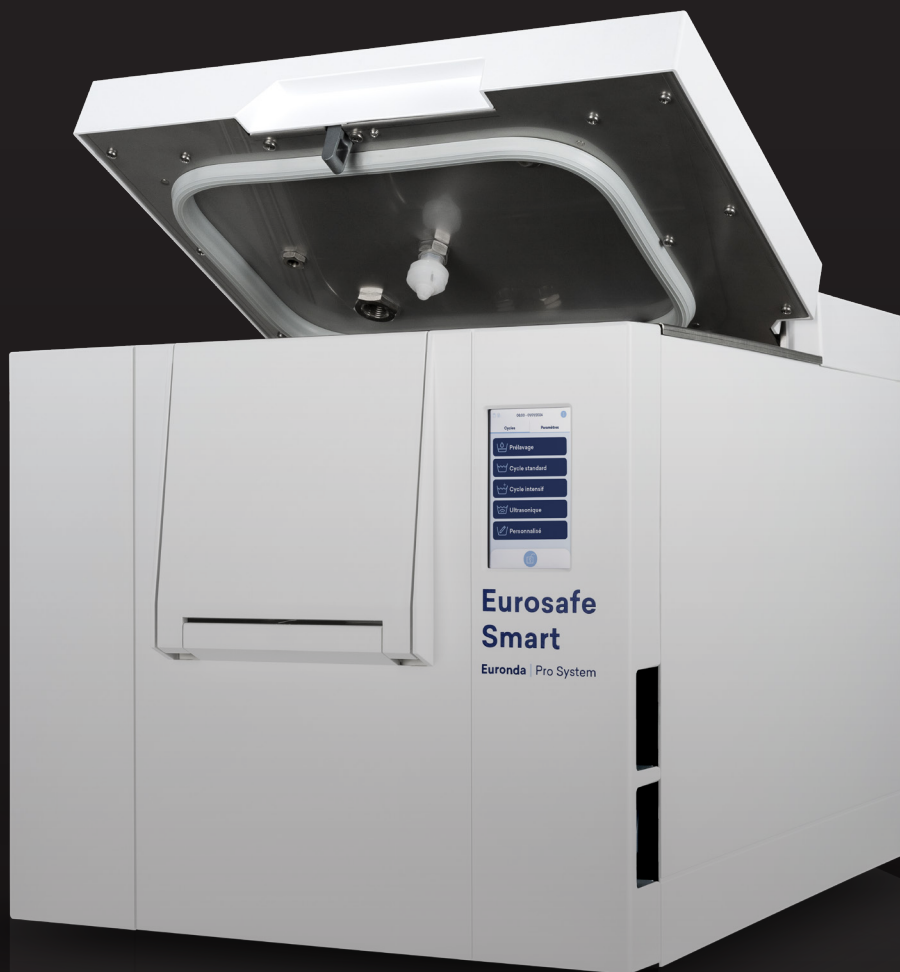


Eurosafe Smart

Automatic cleaning,
suitable for every clinic

EN



Euronda®
Pro System

Eurosafe Smart

Automatic cleaning,
suitable for every clinic

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Euronda Pro System

Product, Process, Protection



Cleaning



Disinfection

Eurosafe 170
Eurosafe 60
Eurosafe Smart



Ultrasonic washing

Eurosonic 4D
Eurosonic 3D
Eurosonic Energy



Thermosealing

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



Optimized

Thanks to its 10-litre washing tank, it can accommodate one full load of a 24-litre autoclave. It is equipped with two shelves that make it possible to make the most of the space inside the tank. All this in a bench-top device that maximises operability while minimising the external footprint.



User-friendly

The 4.3" touch screen display has a simple and intuitive interface and allows a choice of three pre-set washing programmes (pre-wash, standard, intensive) and six for ultrasonic cleaning. In just a few clicks, you can access all the functions and customise the washing cycles by selecting the load, duration, temperature, drying and concentration of the detergent, according to your needs.



Practical

Eurosafe Smart is designed with attention to detail to ensure maximum accessibility to the user: the upper opening system of the tank makes it easy to inspect the load and optimises space (only 78 cm height clearance is required for positioning the device); Sanifizer Automatic is refilled using a cartridge system in the front compartment, ensuring practicality, speed and safety; the salt compartment, also located in the front, makes it easy to refill the salt, even while the machine is running.



All in one

It performs pre-washing, washing, and drying in a single cycle, eliminating the need for manual cleaning thereby ensuring more effective results in less time and with less risk for the operator. The hot forced air drying system also guarantees the complete elimination of water deposits.



Eurosafe Smart

Automatic cleaning, suitable for every clinic

Multifunctional bench-top tank, ideal for clinics wishing to optimise and automate the process of instrument cleansing and disinfection.

Eurosafe Smart washes and dries instruments in one fast, automated, repeatable and traceable process. Furthermore, used in synergy with the multi-enzymatic disinfectant and detergent Sanifizer Automatic, it combines the efficiency of ultrasonic washing with the cleansing and disinfection of the load, while saving the treated materials.

It offers a choice of three pre-set washing programmes and six ultrasonic cleaning programmes, as well as the option of customising certain cycle parameters.

Equipped with a cartridge system for refilling Sanifizer Automatic, located in the practical space-saving front compartment, ensuring ease of use and safety for the operator.

The waste-preventing dispenser automatically withdraws the liquid according to programme and load, while the integrated softener monitors the correct regeneration of the resins, and gives a low salt warning.

At the end of each cycle, the multifunctional tank creates a file that can be transferred to a PC via USB, which contains all the data for the process (outcome, duration, quantity of detergent, operator). In addition, data can be transferred via Ethernet connection and managed using the E-Data and E-Memory software.



Classification

Medical Device Class I



Dimensions

With lid closed:
46 x 45.5 x 61 cm (wxhxd)
With lid open:
46 x 77.5 x 61 cm (wxhxd)



Weight

45 Kg



Chamber capacity

10 L



Power supply

230 V / 50 Hz

Power consumption

2300 W



Connectivity

Included: USB and Ethernet



CE Ref

Included: USB and Ethernet

Automated washing

Washing and drying in one process

Eurosafe Smart performs pre-washing, ultrasonic washing, and drying in a single cycle, eliminating the need for manual cleaning, and thereby ensuring more effective results in less time and with less risk for the operator. It also allows the control and customisation of washing and drying parameters (duration, detergent concentration and temperature).

Used in synergy with the multi-enzymatic disinfectant and detergent Sanifizer Automatic, it combines the efficiency of ultrasonic washing with the cleansing and disinfection of the load, while saving materials. The use of Eurosafe Smart with Sanifizer Automatic meets the requirements of EN 15883-5.

To ensure maximum efficiency and reduce waste, Eurosafe Smart is equipped with a dispenser that automatically adjusts the dosage of the disinfectant according to the selected programme and load.





Pre-washing

This stage uses cold water to remove organic substances and the most superficial dirt.



Washing (ultrasonic + cleansing and disinfection)

When the water reaches 40°C, Sanitizer Automatic is injected, which guarantees a combined cleansing and disinfection action. Thanks to its neutral pH, it is suitable for even the most delicate materials, avoiding oxidative and corrosive effects on instruments. After this, ultrasonic washing starts, together with disinfection. High-frequency sound waves effectively remove even the most stubborn soiling, such as dirt, cement and debris, ensuring deep and thorough cleaning. This process also cleans the internal surfaces of the instruments, without damaging them.



Rinsing

Any residues on the load left by the detergent used in the previous phase are removed.



Drying

The final stage of the process is achieved through effective distribution of air at 120°C within the chamber to obtain, when the device is opened, perfectly dry material ready for packaging.



Customisable

In all pre-set washing cycles it is possible to select the half load option (using only one shelf) to optimise time and consumption of water and detergent, and the ECO mode to decrease detergent consumption by 30%, leaving the cleaning performance unaltered. You can also start a custom cycle by defining the temperature, the duration of the washing and drying phase and the concentration of detergent.



Traceable

Eurosafe Smart makes it possible to keep track of every cycle that is run: at the end of each cycle a file is created with all the data for the process (outcome, duration, quantity of detergent, operator) that can be transferred to a PC via USB or Ethernet connection (both supplied). The data can be managed on a PC using dedicated software: E-Data and E-Memory. It is also possible to enable up to twenty users by entering a password.



Pre-set washing programmes

	Pre-washing	Standard	Intensive
Description	Recommended to avoid organic residues drying on the instrument, and to facilitate their removal during the next wash cycle.	Includes pre-wash, recommended for treating normally soiled instruments. Disinfection is guaranteed by the use of Sanifizer Automatic.	Includes pre-wash, characterised by longer running times and higher temperatures, recommended for treating of instruments with stubborn soiling. Disinfection is guaranteed by the use of Sanifizer Automatic.
Total cycle time	3'	45'	53'
Pre-washing	✓ for 3'	✓ for 3'	✓ for 3'
Washing	X	✓ for 22'	✓ for 27'
Rinsing	X	✓ for 8'	✓ for 8'
Drying	X	120°C for 12'	120°C for 15'
Water consumption	3.5 L	24 L	24 L
Electricity consumption	0.1 kWh	0.5 kWh	0.5 kWh
Use of Sanifizer Automatic	X	✓	✓
Optional functions	X	ECO, ½ load	ECO, ½ load

Ultrasonic cleaning programmes

	Instruments	Burs	Impression trays	Cement removal	Plaster removal	Prostheses
Total cycle time	20'	10'	40'	10'	30'	40'
Degas Phase	4'	2'	6'	2'	5'	6'
Boost Phase	7'	3'	15'	4'	17'	15'
Normal Phase	2'	1'	6'	1'	3'	5'
Sweep Phase	2'	4'	13'	3'	5'	14'
Temperature	40°C	40°C	60°C	30°C	60°C	60°C
Use of Sanitizer Automatic	✓	✓	✓	✓	✓	✓

Cavitation is the principle behind ultrasonic cleaning: ultrasonic waves generate micro-bubbles that burst inside the liquid in the tank.

This process allows dirt residues to be removed from even the most difficult-to-reach surfaces, ensuring deep and uniform cleaning without damaging the materials.



Degas Phase

The first phase consists of degassing the immersion liquid. This process is used to eliminate gases dissolved in the water that could interfere with cavitation. During degassing, the machine emits ultrasound by alternating pulses and pauses, allowing the gas bubbles to rise to the surface and disperse. Once completed, cavitation will be more effective and cleaning more uniform.



Boost Phase

This involves amplifying the power of the ultrasound to remove stubborn dirt. This phase runs for a limited duration to avoid damaging extremely delicate materials.



Normal Phase

The power and frequency of ultrasound are set at normal and optimal levels for daily cleaning of objects and materials that do not require intensive treatments.



Sweep Phase

It ensures a homogeneous distribution of ultrasonic waves within the tank by slightly varying the frequency of ultrasonic waves in a continuous and controlled manner. This technology has two advantages: it improves cleaning efficiency and optimises cavitation.



Double action

It cleanses thanks to the multi-enzymatic complex and encapsulated enzymes, and disinfects thanks to the biocidal system that ensures a broad spectrum of action.



Concentrate

Developed to be effective in low concentrations (0.5%), it requires a lower dosage, minimising waste and environmental impact. 20 cycles can be performed with just one bottle.



Delicate

The special formulation ensures optimal cleansing of all organic residues and broad compatibility, while respecting the various treated materials.



Sanifizer Automatic



Multi-enzymatic disinfectant and detergent for disinfecting and cleansing surgical instruments and Medical Devices.

Used with the multifunctional Eurosafe Smart tank, efficient ultrasonic washing and load cleansing and disinfection are combined in just one cycle. The interchangeable cartridge system allows for easy replacement, ensuring ease of use and safety for the operator.

The biocidal complex and encapsulated enzyme complex work together to deliver all the advantages of a deep-cleaning disinfectant-detergent while respecting the treated materials.

The neutral pH is ideal for treating even the most delicate materials, avoiding oxidative and corrosive effects. The chlorine-, alcohol-, phenol- and aldehyde-free formulation ensures compatibility.

Free from hazardous or toxic substances, it ensures the safety of operators. It is >90% biodegradable resulting in a low environmental impact.



Classification

Dispositivo Medico
Classe IIb



Format

1 L bottle



Shelf life

3 years



Action spectrum

Bactericidal, levuricidal,
mycobactericidal,
virucidal, fungicide



Active ingredients

4th generation quaternary
ammonium, diamine,
multi-enzyme complex



Compatibility

Stainless steel,
aluminium,
polypropylene (PPE),
PVC, polystyrene,
Teflon (PTFE) and
polycarbonates



Packaging

Box of 12 bottles



CE Ref

SANIFIZER AUTOMATIC

Load capacity

Solutions for every need

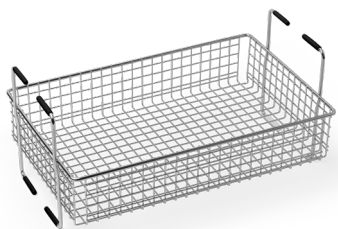
Eurosafe Smart is a compact and efficient bench-top device, designed to maximise operability while minimising footprint. With a maximum height of only 78 cm with the lid open, it easily fits into any working environment.

The 10-litre tank, with two load levels, optimises space and makes it possible to accommodate a full load of a 24-litre autoclave.



Accessories

Supplied



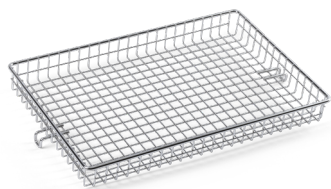
Lower shelf

Stainless steel mesh wire shelf suitable for placing loose instruments, instrument holders and the bur blocks. The shelf can be used on its own with the half-load option or by stacking the upper shelf for a full load.



Loading surface dimensions

28 x 18 x 6 cm (wxhxd)



Upper shelf

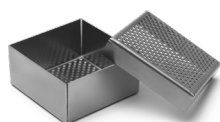
Stainless steel mesh wire shelf, can be stacked on the upper shelf, suitable for placing loose instruments.



Loading surface dimensions

28 x 18 x 3 cm (wxhxd)

Optional



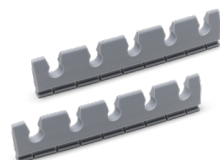
Bur block

Basket suitable for washing burs and small parts.



Dimensions

4 x 2 x 4 cm (wxhxd)



Instrument holders

Two five-place silicone holders for surgical instruments can be used in the provided shelves.



Dimensions

10 x 2 x 0.5 cm (wxhxd)



Simple

E-Memory is user-friendly thanks to its intuitive interface, essential controls and simple and immediate search filters.



Efficient

Automatic data capture for Ethernet and wireless devices and automatic equipment backup.



Complete

Ideal for a complete management of all equipment involved in the sterilization process. It processes an ordered list of cycles and filters them by machine, model, serial number, operator, date and outcome.



Innovative

With the Watch Folder and Technical Support functions, reporting, certification and alerts are available in one simple click.



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 (thermodisinfectors, 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



Technical features

Overall dimensions	With lid closed: 46 x 45.5 x 61 cm (wxhxd)
	With lid open: 46 x 77.5 x 61 cm (wxhxd)
Weight	45 Kg
Electrical connection	220V/~50Hz
Total power	2300 W
Pump power	330 W
Noise	< 80 dB(A)
Accessories included	USB stick, salt refill bag (1 kg), funnel, lower shelf and upper shelf

Compliance with harmonised standards

- EN 14971
- EN 61010-1
- EN 61326
- EN ISO 15883-5, only with use of Sanifizer Automatic

Documentation

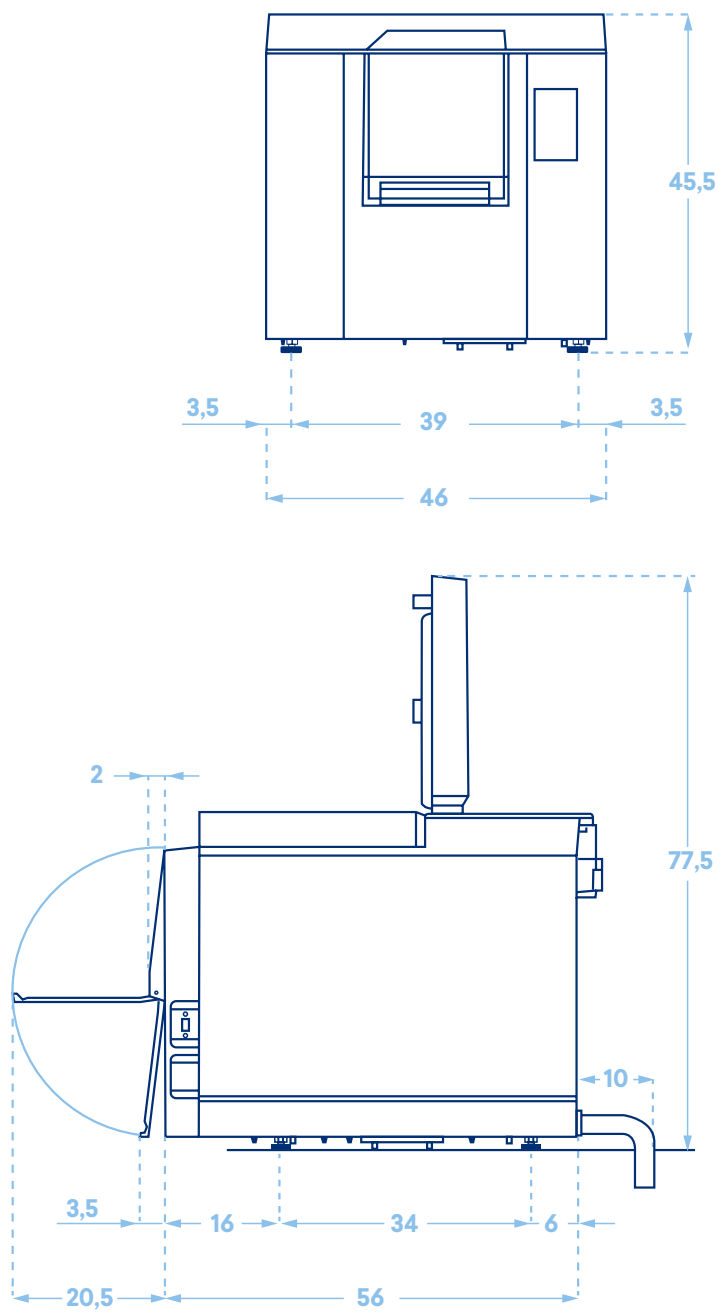
- Installation and operating manual
- Warranty certificate
- Declaration of conformity

Certifications

- Medical Device Class I compliant with Regulation (EU) 2017/745 (MDR)
- Certified company: ISO 9001, ISO 13485, ISO 14001
- Model: UWU\M10L2024

Technical data sheet

Dimensions and footprint (cm)



Euronda Spa® 2025

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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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