

EXL

EN

Extra Large Autoclave



Euronda[®]
Pro System

EXL

Extra Large Autoclave

- 6 **EXL**
- 8 **Euronda Pro System
technologies and
solutions**
- 10 **Sterilization cycles and
testing programs**
 - B Cycles
 - S Cycles
- 14 **Load capacity**
- 15 **E-Cart**
- 16 **Complete and
expandable traceability**
 - E-Memory
- 19 **Control test**
- 20 **Water treatment systems**
 - Aquaosmo
 - Aquafilter 1 to 1
 - Aquadist
- 24 **Technical features**
- 25 **Technical data sheet**

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



Spacious

The 29-litre stainless steel chamber allows an increased loading capacity with 30% more usable space than a 24-litre autoclave. A total of 275 cm of linear space is available to optimise cycles and reduce consumption.



Traceable

Allows you to choose between two different printers, both for adhesive labels: one internal and one external for large quantities. Both are easily installed at any time in a few simple steps.



Connected

The SD Card and Ethernet connection that come as standard make it easy to file, manage and view the sterilization process results on a PC thanks to the E-Data and E-Memory software.



Eco-friendly

It optimises the consumption of water (0.9 L per cycle) and electricity (3200 W), thanks to the instant steam generator.



EXL

Extra Large Autoclave



Class B autoclave to meet the needs of practices with a high patient turnover thanks to its increased load capacity. The large 29-litre chamber can hold up to 5 x 55 cm trays (+17 cm compared to a 24-litre autoclave) with 85 cm more total load capacity than standard.

It enables selecting five different B cycles and, after entering a password, one S type cycle. In addition to cycles, tests can also be programmed to optimise the use of time.

Traceability is ensured by the standard SD card and Ethernet connection and the possibility of installing two different optional printers at any time.

The control systems and functionalities of 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 85.5 cm
(wxhxd)



Weight

62 Kg (empty machine
with tray holders and
trays)



Chamber capacity

29 L



Power supply

230 V | 50/60 Hz

Power consumption

3200 W



Water consumption

0.9 L



Connectivity

Included: Ethernet, SD
card, E-Memory software
and E-Data

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.



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.



Inspection System

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



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.



Conductivity meter

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



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.





Sterilization cycles and test programs

EXL offers the possibility of performing B 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 S (S134, S121) type cycles, which can be activated by a password.



Cycle programming

EXL 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

EXL 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	
Temperature	134°C	121°C	
Pressure	2.16 bar	1.16 bar	
Sterilization phase duration	4'	20'	
Drying phase duration	20'	20'	
Total duration with standard load*	27'	39'	
Maximum solid load	7 Kg / 2 Kg	7 Kg / 2 Kg	

S Cycles**

Password-activated

	S 134	S 121	
Description	Sterilization of bagged or non-bagged solid products	Sterilization of bagged or non-bagged solid products and of plastic products	
Temperature	134°C	121°C	
Pressure	2.16 bar	1.16 bar	
Sterilization phase duration	4'	20'	
Drying phase duration	20'	20'	
Total duration with standard load*	18'	30'	
Maximum solid load	7 kg	7 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)
	134°C	134°C	134°C
	2.16 bar	2.16 bar	2.16 bar
	18'	3'30"	18'
	20'	4'	4'
	43'	20'	35'
	7 Kg / 2 Kg	1 Kg / 0.4 Kg	1 Kg / 0.4 Kg

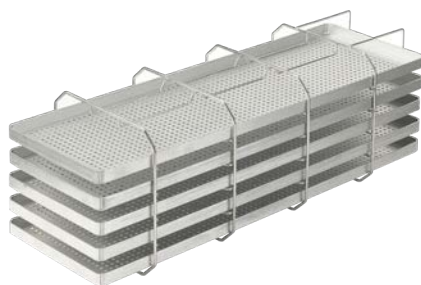
** Times are exclusive of the drying phase. The time may vary by +-5%.*

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



Load capacity

The maximum load for the 29-litre EXL is 7 Kg for bagged solid materials. To optimise the load to be sterilized, EXL offers the XL standard tray holder, complete with 5 trays, supplied with the autoclave.



Standard tray holder XL

The square panelled stainless steel tray holders are designed for the loading of 5 aluminium trays XL. Each tray offers 17 cm more compared to a 24 L autoclave. As these can be rotated to 90°, three shelves for sealed cassettes can be inserted. 5 trays included.

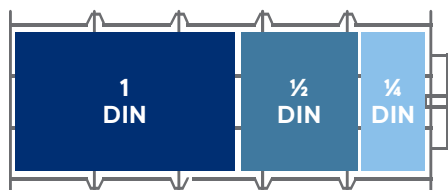


Dimensions

Tray holder: 19.5 x 19.5 x 48.5 cm (wxhxd)

Tray: 18.5 x 2 x 55 cm (wxhxd)

Suggested configurations



1x 1 DIN cassette + 1x 1/2 DIN cassette + 1x 1/2 DIN cassette x 3 compartments

Total cassettes: 3x 1 DIN cassettes + 3x 1/2 DIN cassettes + 3x 1/2 DIN cassettes

Total DIN: 5 DIN and 1/4

Load to be sterilized*: 4 kg



2x 1 DIN cassettes x 3 compartments

Total cassettes: 6x 1 DIN cassettes

Total DIN: 6 DIN

Load to be sterilized*: 4 kg

N.B.: when using 2x 1 DIN cassettes per shelf, these exceed the tray holder by a few cm. Nevertheless, the autoclave door closes and the structure is stable.

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

E-Cart

The space you need



The optional multipurpose trolley designed to accommodate Euronda autoclaves and maximize space, simplifying sterilization procedures. With front-accessible large adjustable shelves for equipment storage, a rear compartment that can house an Aquafilter 1 to 1 or an Aquaosmo, and a removable front shelf to support the tray holder and simplify the loading and unloading phases.



Dimensions

51 x 81 x 87 cm (wxhxd)



Weight

44 kg



Complete and expandable traceability

With EXL, 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 the SD Card (standard) and can be transferred to a PC via Ethernet connection (standard).

The 2 different types of printers (optional) allow cycles to be printed on labels.



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.

EXL

Euronda | Pro System



Digital traceability

Compliant with EN 13060, storage is available either on an SD Card for the easy transfer of all data from the autoclave to the computer, or via the standard Ethernet connection or optional WiFi.



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 sets 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 (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



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 ($< 15 \mu\text{S}/\text{cm}$). 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.



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.



Dimensions

23 x 36 cm (Øxh)



Weight

3.5 Kg



Water production

0.7 L of water every hour



Power consumption

580 W

Technical features

Overall dimensions	46 x 45.5 x 85.5 cm (wxhxd)
Minimum depth of the support surface	90 cm
Minimum width of the support surface	46 cm
Minimum space above the tank	80 cm
Weight (empty machine with tray holder and tray)	62 Kg
Weight per support area (full tank and chamber with maximum load)	62 Kg + 9 Kg + 4.5 Kg = 75.5 Kg Load on each foot: 15 Kg
Power supply	230 V 50/60 Hz
Absorption	3200 W 14 A
Average water consumption per cycle	0.9 L
Tank capacity (clean water/used water)	4 litres
Noise	60 dB
Accessories included	Standard tray holder and 5 trays, drainage pipes, sponge, 2 trays 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

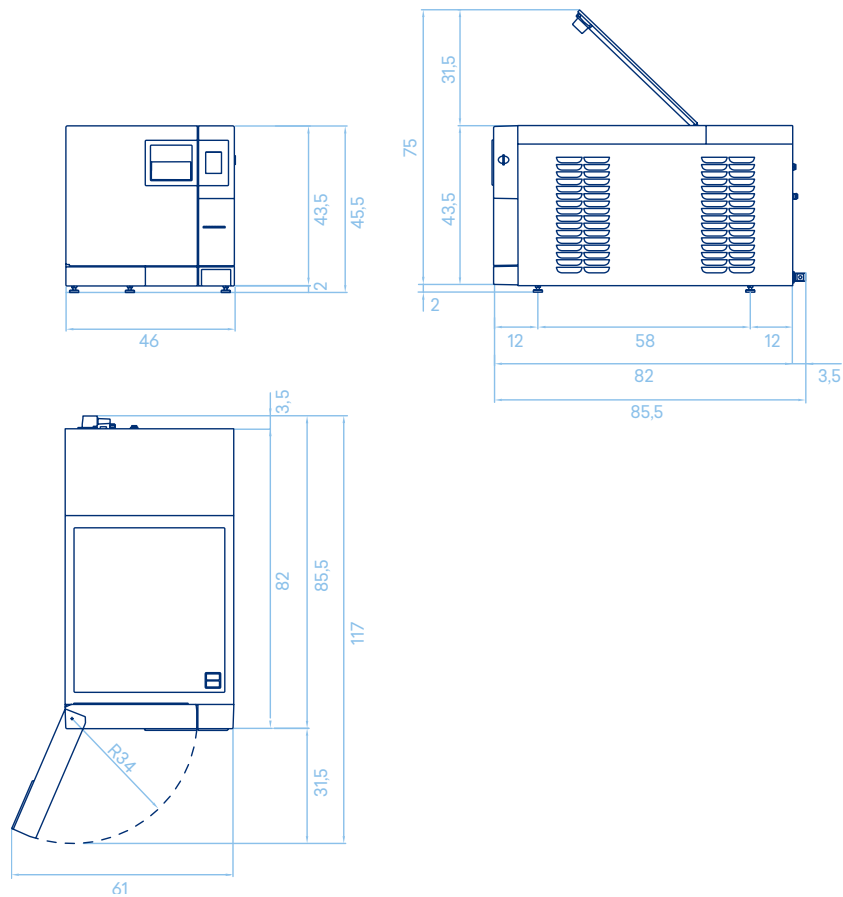
- User's manual
- Declaration of room conformity
- Declaration of autoclave conformity
- Warranty certificate
- Installation sheet
- Service booklet

Certifications

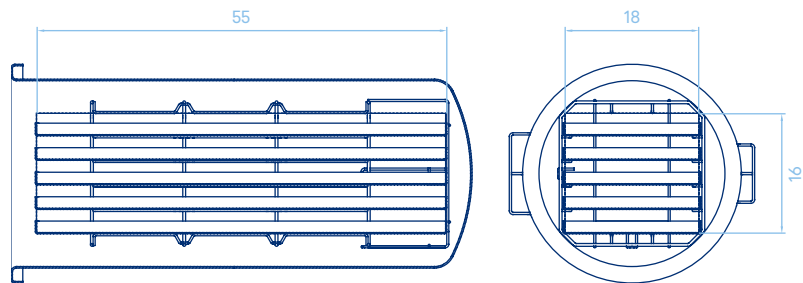
- Dispositif médical de classe IIb conforme au Règlement (UE) 2017/745 (MDR)
- Chambre conforme à la directive 2014/68/UE Entreprise certifiée : ISO 9001, ISO 13485, ISO 14001
- Modèle : SSU\X30L2019

Technical data sheet

Dimensions and footprint (cm)



Chamber size (cm)



Euronda Spa® 2025

This catalogue may not be copied, reproduced or scanned by any means. All rights reserved.

Images, descriptions, technical specifications and features are purely indicative.

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.

Euronda Spa

Via Chizzalunga 1

36066 Sandrigo

Vicenza, Italy

t +39 0444 656111

f +39 0444 656199

m info@euronda.com

www.euronda.it

Deutschland

Euronda Deutschland

Am Landwehrbach 5

48341 Altenberge, Deutschland

t +49 2505 9389 0

f +49 2505 9389 29

m info@euronda.de

www.euronda.de

France

Euronda France Eurl

ZAC les Vallées, Avenue de Bruxelles

60110 Amblainville, France

t + 33 (0) 3 44 06 69 70

m info@euronda.fr

www.euronda.fr

España

Identyd

Calle Músico Antonio Rodríguez

de Hita, 12 Bajo 30007 Murcia

España

t 900102034

m info@euronda.es

www.euronda.es