

Europa B Evo

Autoclave for B type loads



Download our documentation

6 PRESET CYCLES

201. - 241.

4 PRESET CYCLES

151.

VACUUM TEST, B&D TEST, HELIX TEST

3 TEST



B class loads sterilization

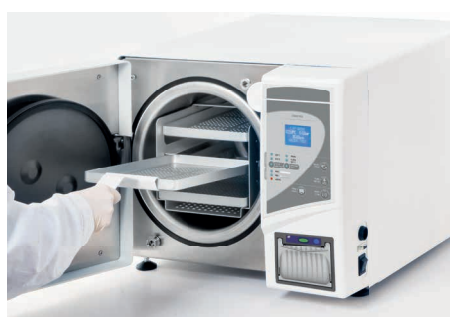
The autoclave is able to sterilize the three types of load provided for by the standard EN13060, especially:

- Metal or solid materials: instruments with no cavities and no obstacles to the penetration of steam.
- Porous objects: simple or composite materials that can absorb fluids (fabrics, gowns, surgical gauzes, dressings, etc).
- Hollow objects: materials or devices with cavities, obstructions, etc. These are subdivided into two types, classified according to the length and diameter of the cavity.

Type A: turbines, hand pieces and devices with blind or small holes.

Type B: cannulas, tubes or devices with large passages.

The autoclave must be used, solely and exclusively, for the sterilization of instruments and materials compatible with the steam sterilization system. This equipment can be used in the dental, medical, aesthetic fields and, generally, in all the fields where the sterilization of the instruments and materials is made.



- Fractionated vacuum, as per EN13060, class B. **High vacuum**
- Microprocessor electronic system.
- **Integrated system** for evaluation and control.
- New electronic **control panel**.
- **Safety door:** dynamic, electromagnetic, electronic.
- Automatic cycle without operator.
- No-condensation function and automatic cut off.
- **Stainless steel** chamber.
- 2 water tanks.
- **Tray holder** with aluminum trays.
- Predisposition to **osmosis system**.
- Connection to **external biological incubator** for biological test.
- **P.I.D. regulation system** for quick compensation of possible change of parameters.
- Automatic **barometric adjustment**.

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Autoclave for B type loads

Load	15 l.	20 l.	24 l.	Electric characteristics	15 l.	20 l.	24 l.
Wrapped and unwrapped solid materials for a maximum load of	5 Kg	6 Kg	7 Kg	Power voltage	230 V a.c. +/-10 % single phase		
Type A/B hollow materials for a maximum load of	5 Kg	6 Kg	7 Kg	Frequency	50 / 60 Hz		
Porous materials for a maximum load of	1,5 Kg	1,75 Kg	2 Kg	Fuses	6.3 x 32 - 12 A		
				Power	1,4kW	2.1 kW	2.1 kW

General characteristics	15 l.	20 l.	24 l.
Working temperature	+5°C +40°C	+5°C +40°C	+5°C +40°C
MAX relative humidity at 30°C	80%	80%	80%
Space occupied with open door	300 mm	300 mm	300 mm
Weight (tank empty)	54 Kg	57 Kg	58 Kg
Weight (tank full)	63 Kg	66 Kg	67 Kg
Dimensions of space occupied (LxHxP) mm	510 x 390 x 590	510 x 390 x 730 mm	510 x 390 x 730 mm
Potential sound level	< 70 db A	< 70 db A	< 70 db A

Chamber characteristics	15 l.	20 l.	24 l.
MAX working pressure	2.4 bar (relative)	2.4 bar (relative)	2.4 bar (relative)
MAX Temperature	138 °C	138 °C	138 °C
Chamber dimensions	Ø 245 x 318 mm	Ø 245 x 430 mm	Ø 245 x 500 mm
MAX vacuum	- 0.9 bar (relative)	- 0.9 bar (relative)	- 0.9 bar (relative)
Chamber material	Inox AISI 304	Inox AISI 304	Inox AISI 304

Accessories	15 l.	20 l.	24 l.
Included Trays	4	4	4+4
Tray dimensions	184 x 17 x 286 mm	184 x 17 x 370 mm	184 x 17 x 286/140 mm
Included trays-holder	1	1	1
Trays-holder dimensions	192 x 165 x 280 mm	193 x 200 x 280 mm	192 x 200 x 470 mm
Trays and trays-holder material	Aluminum	Aluminum	Aluminum

Cycle	Average time of the total cycle		
	15 l.	20 l.	24 l.
121°	56 - 66 min.	56 - 66 min.	U ¹ : 55 - 65 min. W ² : 60 - 70 min.
134° flash	31- 41 min.	31- 41 min.	31 - 41 min.
134°	43 - 53 min.	43 - 53 min.	U ¹ : 36 - 46 min. W ² : 47 - 57 min.
134° Prion	58 - 68 min.	58 - 68 min.	62 - 72 min.

¹: unwrapped ▪ ²: wrapped

2 cycles for 3 test:

Vacuum test, B&D test, Helix test

15 l.: 4 preset cycles:

- 121°/ 134° universal
- 134° Flash/Prion

20 l. - 24 l. : 6 preset cycles:

- 121° wrapped / unwrapped
- 134° wrapped / unwrapped
- 134° Flash / Prion.

Art. 2033S2
Europa B Evo 15 l.

Art. 2033CL5
Europa B Evo 20 l.

Art. STGA099
Europa B Evo 24 l.



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