

PROHS Equipamento Hospitalar
e Serviços Associados, S.A.

Rua do Castanhal 316
Zona Industrial Maia I, sector II
4475-122 Maia - Portugal

| E | prohs@prohs.pt
| W | www.prohs.pt

Vertical Sterilizer PL

CE 1155 PED

PROHS[®]



Vertical Sterilizer PL



PROHS vertical steam sterilizer has as its base function, the complete elimination of all living microorganisms, controlling temperature, pressure and time.

Through a fast and uniform heat transference, PROHS vertical steam sterilizers were specifically designed for laboratory use.

Technical Characteristics

- Chamber and lid built in AISI 316L stainless steel.
- External structure in AISI 304 stainless steel.
- Manual top lid, hermetically closed by knobs and silicon gasket.
- The entire control is made through the PLC (Programmable Logic Controller).
- 3.5" color touch screen providing an easy and intuitive interface
- The heating is performed by electrical heaters.
- Drying is performed through vacuum caused by thermal shock over the entire height of the chamber, thus achieving a quick and effective drying.
- As an option, drying can be performed by a vacuum pump.
- A thermostatic steam trap is used to achieve automatic elimination of the steam condensates inside the chamber.

Model	Useful Capacity (litres)	Useful Dimensions diameter x height (mm)	External Dimensions Width x Length x Height (mm)	Power
PROHS EV-75 PL	60	400 x 600	660 x 717 x 940	7500 W
PROHS EV-100 PL	85	400 x 800	660 x 717 x 1035	7500 W
PROHS EV-150 PL	120	500 x 800	760 x 810 x 1035	9000 W

Certification

Directive 2014/68/UE
EN 13445:2014

Accessories and Options

- Load basket in stainless steel
- Integrated printer
- Connection to treated water
- Temperature control of the water outlet
- Internal piping in stainless steel
- Drying Cycle by Vacuum Pump
- Spacelogger
- Fast cooling with air

External Connections

- Power Supply: 3-400V / 50Hz
- Water: 1/2" - 1 to 6 Bar (x10⁵Pa)
- Sewer: 3/4" - Temperature resistant material

Programs

The sterilizer allows the user to program the standard sterilization cycles according to different temperature and time.

The sterilizer is pre-configured with 8 programs for Solid and Liquid loads. However, it can be configured with up to 20 totally customizable programs according to your needs.

For Liquid cycles it can be controlled by the chamber temperature sensor or by a flexible sensor directly applied in the product.

Control by time or by F0.

Due to product improvement and development, PROHS reserves the right to make changes without notice.

