

Vertical laboratory autoclaves made of aluminum

Benefits at one glance



The classics among our laboratory autoclaves have been on the market for over 60 years and impress with their robust construction. They are class N steam sterilizers and are vented by flow procedures or fractional venting.



The sterilization chamber is made of high-quality 3103 aluminum. A heater is pressed into the bottom of the chamber, but the heating elements do not get into contact with the water directly and therefore cannot calcify. This extends the service life of the autoclaves. Furthermore, our autoclaves are extremely low maintenance.



The laboratory autoclaves are ready for operation in just a few simple steps. The sterilization chamber can be opened and closed safely and easily with one simple step, simply turn the lid and remove it. They are both easily transportable and location independent. All you need is a power supply. The water is supplied by a mixture of tap water and demineralized water.



The autoclaves are safeguarded by a multiple safety system. It consists of an overpressure valve, a pressure valve, a safety lock inside the lid to prevent opening under pressure and the overpressure safety cavity.

CertoClav EL

The economical end-to-end solution

For more than 60 years, the CertoClav EL has been our tried and tested economic autoclave end-to-end solution with valve control. A precision thermometer, a control valve, and a precision manometer with drag indicator provide precise processes and accurate results for all applications.

This model is available in two versions, each with two temperature levels. You can choose between 125/140 °C and 115/121 °C. These temperature settings are controlled via the control valve on the lid. These valves are not interchangeable, because the thermostat of the device is harmonized and calibrated with the respective valve!



control valve



Important features

- The original!
- robust construction
- 2 temperature levels
- simple operation
- high heating capacity
- venting by flow procedure
- precision thermometer
- precision manometer with drag pointer
- heating plate integrated into base
- thermostat controlled

Scope of delivery:

incl. instrument tray and power cable

Specifications

	CertoClav EL 125/140 °C		CertoClav EL 115/121 °C	
Article number	8501312	8501318	8501312A	8501318A
Chamber volume	12 l	18 l	12 l	18 l
Chamber diameter	24 cm	24 cm	24 cm	24 cm
Chamber depth	26 cm	39 cm	26 cm	39 cm
Chamber material	3103-aluminium	3103-aluminium	3103-aluminium	3103-aluminium
Max. operating pressure	2,7 bar	2,7 bar	2,7 bar	2,7 bar
Mains connection	230 V, 50/60 Hz	230 V, 50/60 Hz	230 V, 50/60 Hz	230 V, 50/60 Hz
Heating capacity	1900 W	1900 W	1900 W	1900 W
Max. sterilization temperature	125 °C / 140 °C	125 °C / 140 °C	115 °C / 121 °C	115 °C / 121 °C
Net weight	6,2 kg	7,6 kg	6,2 kg	7,6 kg
Product dimensions (L*W*H)	39,5*27,5*50,5 cm	39,5*27,5*66,5 cm	39,5*27,5*50,5 cm	39,5*27,5*66,5 cm

Accessories

Article	Article number
Wire basket with handle	8583010
Service Set 1	1250499
Exhaust steam container	8582020
Exhaust steam hose	8582016
Distiller for water	8500482