



LABORATORY AUTOCLAVES VERTICAL AUTOCLAVES // SEMIAUTOMATIC AUTOCLAVES

SEMIAUTOMATIC AUTOCLAVES

The AES floor standing semiautomatic vertical autoclaves with top loading access cover the fundamental needs for general labware sterilization in many industries, educational and medical facilities and research institutes with the aim of increasing the productivity of the laboratory.

The AES autoclaves are intended for the sterilization of a wide range of liquid and solid materials such as culture media, glassware, plastics, metallic equipment, waste bags, and other laboratory items. These reliable workhorses for the general laboratory are designed for an easy operation and include many safety features to protect the users in their daily routine.

[Contact](#)



DIGITAL AUTOCLAVES WITHOUT DRYING – SERIES AES

Intended use

Suitable to sterilize: culture media, glass, liquids, plastic, metallic elements, waste bags, etc.

Advantages

- Mode agar (40 to 80 °C).
- Programmable start (24 hours).
- Connection to PC. Control software (optional).
- Heart probe (optional).
- built in printer or benchtop printer (optional).

Features

- External case, top and closure made of stainless steel AISI-304. Tank and lid made os stainless steel AISI316L
- total control by microprocessor: ten sterilization programs, six user free.
- Includes RS232 connection for PC/printer.
- Unsteam button.
- Manual draining valve
- Manual chamber filling.
- It includes inlet in chamber for an external validation probe.
- Supplied with heater protecting grid.

Safety

- Valve and safety thermostat.
- Hydraulic door blocking system.
- open lid sensor.

Special models

Special models of AES-28, AES-50, AES-75, AES-110 and AES-150 are available with increased power to 3200W (AES-28), 6000W (AES-50, AES-75 and AES-110) and 9000W (AES-110 and AES-150). The equipments with increased power allow to reduce the total sterilization cycle time by shortening the heating phase particularly in autoclaves with a high workload.

AES

Reference	Capacity L	Useful capacity L	Ø x H cm	L x D x H cm	Temp. °C
AES-12	15	12	25 x 27	50 x 49 x 65	100-134
AES-28	33	28	30 x 40	56 x 51 x 112	100-134
AES-50	55	50	30 x 70	56 x 51 x 130	100-134
AES-75	79	75	40 x 60	73 x 62 x 119	100-134
AES-110	115	110	40 x 85	73 x 62 x 144	100-134
AES-150	175	150	50 x 75	85 x 76 x 140	100-134

Max. pressure bar	W	Kg	Range time min.
2,1	1000	35	1-250
2,1	2000	75	1-250
2,1	3200	90	1-250
2,1	3200	115	1-250
2,1	4500	135	1-250
2,1	6000	230	1-250