

AL02-11-100

62 liter Semi-Automatic Benchtop Autoclave

"Advantage-Lab autoclaves prove their quality all over the world. Reliable sterilization since generations."

Suitable for the sterilisation of

- Liquids such as nutrient media and buffer solutions
- Solid items such as pipettes, tubes and filters
- Glassware and plastic articles
- Waste sterilization



Semi-Automatic Benchtop autoclave

Advantage-Lab's semi-automatic laboratory autoclave is an affordable sterilizer for laboratories that do not want to compromise on quality, safety and reliability and need to sterilize loads with low sensitivity.

The semi-automatic series is available in floor standing, vertical or bench top models and in chamber sizes from 23, 62 & 85 liters. Process control is performed by a pressure switch. The manual control system includes a timer that can be set to 1 - 99 minutes.

FEATURES:

- **Heat-resistant** plastic covering on lid Prevents contact with hot parts and protects from burning.
- **Pressure-dependent door lock** - Prevents the door from being opened when under pressure.
- **Door lock safety switch** - Prevents the sterilization program from being started if the door has not been closed properly.
- **Excess temperature safety device** - Switches off the heating elements if too high a temperature is attained.
- **Overpressure valve** - Releases over pressure in order to prevent high pressure risk.
- **Built-in Steam Generator Safety** - A water level monitoring system maintains a constant water level and ensures safe operation of the heaters
- **The chamber is constructed of long lasting 316Ti grade stainless steel** with superior corrosion resistance.
- **The generator is made from stainless steel.**
- The autoclave automatically switches to **standby mode** if no buttons or switches are operated for four hours
- The autoclave is designed for **easy servicing** allowing maintenance access to all components

TECHNICAL SPECIFICATION

Model	AL02-11-100
Loading Capacity	28 x 250ml Schott Duran or 22 x 250ml Erlenmeyer flasks
Control Panel	Semi-automatic; electro-mechanical control
Temperature °C	100 - 134
Temperature Working Range °C	105 - 134
Door	Front
Voltage (nominal +/- 10 %) 50/60Hz(V)	220 – 240 V
Pressure/Absolute Pressure	0-230 kPa / 0-330 kPa
Maximum Working Pressure	276 kPa or 2.81kg F/cm
Heating Performance	4 KW
Dimensions (W×L×H)	660x525x695mm
Gross Weight	89 kg
Weight (empty)	80 kg
Water connection/ Reservoir	no / 7,0 liter
Water quantity each Cycle	850 ml
Colour	Cream white, stainless steel interior chamber

LOADING CAPACITY

Erlenmeyer	Nr. of bottles	Schott-Duran	Nr. of bottles
250 mL	22	250 mL	28
500 mL	15	500 mL	20
1000 mL	8	1000 mL	15
2000 mL	-	2000 mL	-
3000 mL	-	3000 mL	-
5000 mL	-	5000 mL	-

ACCESSORIES

Code	Description
AL02-11-150	Stainless steel wire basket, 225 x 260 x 500mm (H x W x D)
AL02-11-151	Stainless steel closed basket*, 200 x 260 x 500mm (H x W x D)



Baskets for horizontal autoclaves