

ALo2-03-100

23 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.

TECHNICAL SPECIFICATION

Model	ALo2-03-100
Loading Capacity	14 × 250 ml Schott Duran or 10 × 250 ml Erlen- meyer flasks
Control Panel	Semi-automatic microprocessor controlled
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	2.2 KW
Dimensions (W×L×H)	510×545×365 mm
Gross Weight	48 kg
Weight (empty)	40 kg
Water connection/ Reservoir	no / 3,0 liter
Water quantity / Cycle	450 ml
Colour	Cream white, stainless steel interior chamber

LOADING CAPACITY

Erlenmeyer	Nr. of bottles	Schott-Duran	Nr. of bottles
250 mL	10	250 mL	14
500 mL	8	500 mL	10
1000 mL	3	1000 mL	4
2000 mL	-	2000 mL	-
3000 mL	-	3000 mL	-
5000 mL	-	5000 mL	-

OPTIONS

Code	Description
AL02-03-150	Stainless steel wire basket, 100 × 170 × 400mm (H × W × D)
AL02-03-151	Stainless steel closed basket*, 140 × 170 × 400mm (H × W × D)



Baskets for horizontal autoclaves