

Technical datasheet

Laboratory Autoclaves with Vacuum Drying

60-110 L handwheel-lid autoclaves with 105-135 °C sterilization, vacuum drying, 7 preset and 7 custom programs, and standard condenser cooling.



Representative exterior view. Chamber dimensions, cabinet height and supplied baskets vary by model.

Key features

Six selectable air-purge and pressure-release levels

Three operator permission levels

Standard cooling and two RS-485 interfaces

Standard Configuration

Capacitive control display, handwheel lid, mechanical pressure lock and lid self-check, six air-purge levels, six pressure-release levels, three permission levels, electric drainage, condenser and air cooling, one waterproof auxiliary socket, two RS-485 interfaces and a G1/2A test port. 7 preset and 7 custom programs; vacuum drying, melting and holding functions are standard.

Optional Accessories

0.2 µm exhaust filter, dedicated printer, sample temperature sensor, validation adapter and basket-bottom tray are optional. F0 printing requires the appropriate printer and sample-probe configuration. Software and validation services are not standard.

Technical Information

Parameter	Value
Temperature range	105-135 °C
Temperature resolution	0.1 °C
Temperature uniformity	≤1 °C
Working pressure	0.22 MPa
Design pressure	0.38 MPa
Sterilization timer	0-5999 min

Model	Chamber volume (L)	Input power (W)
PT-AUT-022	60	4800
PT-AUT-023	85	5200
PT-AUT-024	110	5400

Technical Information

Parameter	Value
Melting temperature	50-100 °C
Holding temperature	40-60 °C
Melting / holding timers	0-6000 min
Drying temperature	80-130 °C
Drying timer	10-6000 min

Model	Basket: diameter × height × quantity (mm)
PT-AUT-022	Ø360 × 230 × 2
PT-AUT-023	Ø360 × 270 × 2
PT-AUT-024	Ø360 × 230 × 3

Model	Chamber dimensions (mm)	External dimensions (mm)
PT-AUT-022	Ø400 × 635	585 × 750 × 1075
PT-AUT-023	Ø400 × 725	585 × 750 × 1165
PT-AUT-024	Ø400 × 835	585 × 750 × 1275

Selection / Ordering Information

Specify the model, load or sample type, operating temperature and required basket configuration. Confirm electrical supply, accessories and final delivery before ordering.