

Technical datasheet

Large-Chamber Pulse-Vacuum Steam Sterilizers

Horizontal steam sterilizers with listed 0.25-2.5 m³ chambers, 105-139 °C settings and touchscreen control. Door arrangement and steam supply are selected for the installation.



Representative exterior. Door arrangement, cabinet dimensions and steam equipment depend on the selected model and configuration.

Key features

Touchscreen with temperature, pressure, time and cycle-stage display

Door-lock and chamber-pressure safety interlocks

Vacuum testing and configurable sterilization programs

Standard Configuration

Microcomputer cycle control, color touchscreen, PID temperature control, vacuum test, solid/liquid/metal/textile and B-D test programs, and door/pressure interlocks. The cycle cannot start with an unlocked door, and the door cannot open while the chamber is pressurized. Final installed configuration must be confirmed.

Optional Accessories

Select single or double doors, hinged or powered doors, external steam or a built-in/external steam generator, and the required application configuration. 316L construction, in-line sterilization and non-pressure discharge are listed options requiring technical confirmation. Steam-generator fill and low-water protections apply when a generator is selected. Confirm accessories, utilities and validation requirements in the quotation.

Technical Information

Parameter	Value
Temperature range	105-139 °C
Temperature uniformity	±1.0 °C
Electrical supply	380 V / 50 Hz

Model	Listed chamber volume (m³)
PT-AUT-021	0.25
PT-AUT-040	0.36
PT-AUT-041	0.6
PT-AUT-042	0.8
PT-AUT-043	1.2
PT-AUT-044	1.5
PT-AUT-045	2.0
PT-AUT-046	2.5

Technical Information

Model	Chamber dimensions (mm)	External dimensions (mm)
PT-AUT-021	1000 × 500 × 500	1260 × 1200 × 1740
PT-AUT-040	1000 × 600 × 600	1260 × 1270 × 1740
PT-AUT-041	1180 × 610 × 910	1440 × 1280 × 1940
PT-AUT-042	1480 × 610 × 910	1740 × 1280 × 1940
PT-AUT-043	1500 × 680 × 1180	1780 × 1460 × 2040
PT-AUT-044	1900 × 680 × 1180	2180 × 1460 × 2040
PT-AUT-045	2600 × 680 × 1180	2880 × 1460 × 2060
PT-AUT-046	2100 × 1000 × 1200	2400 × 2000 × 2100

Technical Information

Parameter	Value
Design temperature	144 °C
Chamber design pressure	-0.1-0.3 MPa
Jacket design / working pressure	0.3 / 0.25 MPa

Model	Listed weight (kg)
PT-AUT-021	750
PT-AUT-040	800
PT-AUT-041	1200
PT-AUT-042	1400
PT-AUT-043	1700
PT-AUT-044	1850
PT-AUT-045	2400
PT-AUT-046	2700

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.