

Technical datasheet

Programmable Dry-Heat Sterilization Oven Series

Programmable dry-heat ovens with 65-452 L chambers, supplied inlet and exhaust air filters, and adjustable forced-air circulation.



Image shows PT-AUT-012. Other models differ in dimensions.

Key features

10-segment, 100-cycle programming

Six fan speeds and motorized air damper

Inlet and exhaust air filters are supplied as standard.

Standard Configuration

Programmable controller with backlit touch keys, six-speed fan, motorized air damper, preheating chamber, slide-out shelves, dual-stage door lock and one RS-485 interface. Overtemperature protection uses the temperature sensor system and an independent temperature switch. Inlet and exhaust air filters are supplied as standard.

Optional Accessories

Extra shelves, printer, monitoring software and GPRS alarm messaging are optional. Confirm compatibility and scope in the quotation. Software compliance and validation services are not included by default.

Technical Information

Parameter	Value
Temperature range	Ambient +5 to 300 °C
Temperature resolution	0.1 °C
Timer range	0-9999 min/h
Load per shelf	25 kg
Electrical supply	220 V $\pm$ 10 V / 50-60 Hz
Delayed-start range	0-9999 min
Temperature uniformity (Ambient +5 to 105 °C)	$\pm$ 1%
Temperature uniformity (105-300 °C)	$\pm$ 2%

Technical Information

Model	Chamber volume (L)	Input power (W)	Shelves: supplied / maximum
PT-AUT-012	65	1560	2/5
PT-AUT-013	130	2160	2/7
PT-AUT-014	210	2760	3/7
PT-AUT-015	284	2760	3/9
PT-AUT-016	452	3500	4/13

Model	Temperature fluctuation (150 °C)	Time to 150 °C (min)
PT-AUT-012	±0.3 °C	17
PT-AUT-013	±0.3 °C	20
PT-AUT-014	±0.5 °C	20
PT-AUT-015	±0.5 °C	20
PT-AUT-016	±0.5 °C	22

Technical Information

Model	Chamber dimensions (mm)	External dimensions (mm)
PT-AUT-012	410 × 350 × 450	555 × 566 × 722
PT-AUT-013	570 × 400 × 570	715 × 616 × 842
PT-AUT-014	630 × 530 × 630	775 × 746 × 902
PT-AUT-015	720 × 530 × 745	865 × 746 × 1019
PT-AUT-016	600 × 580 × 1300	774 × 845 × 1704

Selection / Ordering Information

Specify the model, load, intended process, temperature and shelf arrangement. Confirm the electrical supply and configuration. Sterilization cycle suitability and validation must be established for the intended load.