

Technical datasheet

300 °C Programmable Laboratory Oven Series

Programmable forced-air ovens for laboratory drying and thermal cycles, with 65-452 L stainless steel chambers.



Image shows PT-OVN-022. Other models differ in dimensions.

Key features

Programmable control: 10 segments, 100 cycles

Six fan speeds and delayed start

LCD controller with one RS-485 interface

Standard Configuration

Stainless steel chamber, preheating chamber, circulation fan with six speed settings, programmable LCD temperature/timer controller, overtemperature alarm and one RS-485 interface. Supplied shelf quantities are listed by model.

Optional Accessories

Additional shelves and accessories require confirmation in the quotation. Software and validation services are not listed as standard.

Technical Information

Parameter	Value
Temperature range	Ambient +5 to 300 °C
Temperature fluctuation	±0.8 °C (105 °C)
Temperature resolution	0.1 °C
Temperature uniformity	±2%
Heating rate at 150 °C	>5 °C/min
Timer range	0-9999 min/h
Load per shelf	15 kg
Electrical supply	AC 220 V ±10% / 50 Hz ±2%
Delayed-start range	0-9999 min

Technical Information

Model	Chamber volume (L)	Input power (W)	Shelves: supplied / maximum
PT-OVN-022	65	1560	2/5
PT-OVN-023	130	2160	2/7
PT-OVN-024	210	2760	3/8
PT-OVN-025	284	2760	3/10
PT-OVN-026	452	3500	4/18

Model	Chamber dimensions (mm)	External dimensions (mm)
PT-OVN-022	410 × 350 × 450	555 × 566 × 722
PT-OVN-023	570 × 400 × 570	715 × 616 × 842
PT-OVN-024	630 × 530 × 630	775 × 746 × 902
PT-OVN-025	720 × 530 × 745	865 × 746 × 1017
PT-OVN-026	600 × 580 × 1300	774 × 845 × 1704

Selection / Ordering Information

Specify the model, sample or application, working temperature and required shelf arrangement. Confirm electrical supply and the final configuration before ordering.