

Technical datasheet

Touchscreen Laboratory Ovens with Event Records

65-452 L programmable laboratory ovens with a 5-inch touchscreen, ambient +5 to 300 °C control, data export and operator permissions.



Pictured: PT-OVN-010 upright cabinet. Smaller models use a benchtop cabinet; dimensions and supplied shelves are listed by model.

Key features

- 10 groups, 30 segments and 99999 cycles
- Six fan speeds and a motorized air damper
- USB and RS-485 interfaces

Standard Configuration

5-inch touchscreen, temperature data records, timestamped event records, operator permissions, calendar scheduling, 10 groups of 30 segments and 99999 cycles, six fan speeds, 10-position motorized exhaust, eight-point temperature calibration, preheating chamber, sliding shelves, USB, RS-485 and dual overtemperature protection. Fixed, multistep, ramp and dry-heat operating modes; a sample probe is optional.

Optional Accessories

Air filters and a printer are optional. Remote alarms or monitoring use a choice of one communication option; confirm compatibility and availability. Software compliance and validation services are not included or claimed. Sample probe optional; confirm the selected mode and probe configuration.

Technical Information

Parameter	Value
Temperature range	Ambient +5 to 300 °C
Listed timer setting	6000 min
Load per shelf	25 kg

Model	Chamber volume (L)	Input power (W)	Shelves: supplied / maximum
PT-OVN-007	65	1500	2/5
PT-OVN-008	130	1800	2/7
PT-OVN-009	284	2700	3/9
PT-OVN-010	452	3500	4/13

Technical Information

Model	Uniformity at 150 °C	Fluctuation at 150 °C	Stacking
PT-OVN-007	±2 °C	±0.3 °C	Up to 2 units
PT-OVN-008	±1.9 °C	±0.3 °C	Up to 2 units
PT-OVN-009	±2.2 °C	±0.5 °C	Not stackable
PT-OVN-010	±2.5 °C	±0.5 °C	Not stackable

Technical Information

Model	Chamber dimensions (mm)	External dimensions (mm)
PT-OVN-007	410 × 350 × 450	575 × 608 × 635
PT-OVN-008	570 × 400 × 570	735 × 658 × 757
PT-OVN-009	720 × 530 × 745	885 × 788 × 932
PT-OVN-010	600 × 580 × 1300	774 × 845 × 1574

Selection / Ordering Information

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