

Technical datasheet

400 / 500 °C High-Temperature Laboratory Oven Series

Forced-air laboratory ovens with 30-225 L chambers and model-specific temperature limits of 400 °C or 500 °C.



Representative series image. Chamber dimensions and temperature rating vary by model.

Key features

- LCD temperature controller with timer
- Double-layer ceramic-fiber door seal
- Stainless steel chamber with two shelves

Standard Configuration

Stainless steel chamber, two removable shelves, preheating chamber, circulation fan, LCD temperature controller with timer and autotuning, dual door clamps and ceramic-fiber seal.

Optional Accessories

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

Technical Information

Parameter	Value
Lower temperature limit	Ambient +20 °C
Temperature resolution	0.1 °C
Temperature fluctuation	±2 °C
Temperature uniformity	±2.5%
Supplied shelves	2

Model	Chamber volume (L)	Upper limit (°C)	Input power (W)	Electrical supply
PT-OVN-029	30	400	1800	AC 220 V / 50 Hz
PT-OVN-030	70	400	2050	AC 220 V / 50 Hz
PT-OVN-031	140	400	2500	AC 220 V / 50 Hz
PT-OVN-032	225	400	3000	AC 220 V / 50 Hz
PT-OVN-033	30	500	2400	AC 220 V / 50 Hz
PT-OVN-034	70	500	3400	AC 220 V / 50 Hz
PT-OVN-035	140	500	4400	AC 380 V / 50 Hz
PT-OVN-036	225	500	5500	AC 380 V / 50 Hz

Technical Information

Model	Chamber dimensions (mm)	External dimensions (mm)
PT-OVN-029	300 × 300 × 350	670 × 480 × 700
PT-OVN-030	400 × 400 × 450	770 × 580 × 800
PT-OVN-031	450 × 550 × 550	820 × 730 × 900
PT-OVN-032	500 × 600 × 750	870 × 780 × 1100
PT-OVN-033	300 × 300 × 350	670 × 480 × 700
PT-OVN-034	400 × 400 × 450	770 × 580 × 800
PT-OVN-035	450 × 550 × 550	820 × 730 × 900
PT-OVN-036	500 × 600 × 750	870 × 780 × 1100

Selection / Ordering Information

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