Cole-Parmer®

Cole-Parmer® Programmable Vacuum Ovens

- Easily manage up to eight programs with eight steps each

- PID temperature controller provides accurate and reliable temperature control

- Unit stops heater automatically if temperature is out of control

- Full-view window allows continuous monitoring

- Rounded inner chamber corners offer easy cleaning

- Rubber O-ring and door lock handle create a secure seal to prevent air leakage or unauthorized access

- Stainless steel inner chamber and powder-coated steel plate exterior resist corrosion for longer lifetime

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Thomas Scientific

Cole-Parmer® Programmable Vacuum Ovens

Easily set up 8 programs for parameters such as temperature, time, and fan speed. Our ovens are designed with independent vacuum interface and vents, an air inlet for easy access to inert gases such as nitrogen, and a solenoid valve that controls vacuum degree and vacuum pump. Multiple safety features include temperature deviation alarm, overtemperature set point alarm, overcurrent protection, and auto-start after power loss/return.

Each oven includes stainless steel shelves with mounting brackets, connecting vacuum pipes, and wrench. Additional shelves can be ordered separately (see table).

Specifications

Temperature range: 10°C above ambient to 200°C (50 to 392°F)
Temperature resolution: 0.1°C (0.1°F)
Temperature uniformity: ±10%

Temperature stability: ±0.1°C (±1.8°F)
Temperature display: LCD
Timer range: 0 to 99 hrs, 59 mins

Vacuum range: 0 to 29.9" Hg (133 Pa)
Vacuum display: dial gauge

| Capacity cu ft (L) | Rise time to 100°C | No. of shelves included | No. of shelf positions | Dimensions (W x H x D) | | Power | | | Oven |
				Chamber	Overall	VAC	Hz	Watts	Item number
0.85 (24)	90 mins	2	3	11.8" x 10.8" x 11.8" (30 x 27.5 x 30 cm)	17.5" x 24.4" x 22.8" (44.5 x 62 x 58 cm)	120	60	700	**22A00F805**
						220	50		**22A00F806**
1.8 (53)	80 mins	2	5	16.3" x 13.5" x 14.5" (41.5 x 34.5 x 37 cm)	22.8" x 27.75" x 26" (58 x 70.5 x 67.5 cm)	120	60	1400	**22A00F807**
						220	50		**22A00F808**
3.2 (91)	80 mins	3	6	17.7" x 17.7" x 17.7" (45 x 45 x 45 cm)	24" x 31.9" x 31.7" (61 x 81 x 80.5 cm)	120	60	2000	**22A00F809**
						220	50		**22A00F810**

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