

# 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





## 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	Additional shelf
				Chamber	Overall	VAC	Hz	Watts	Item number	Item number
0.85 (24)	90 mins	2	3	11.8" x 10.8" x 11.8"	17.5" x 24.4" x 22.8"	120	60	700	ML-52411-30	ML-52411-53
				(30 x 27.5 x 30 cm)	(44.5 x 62 x 58 cm)	220	50		ML-52411-31	
1.8 (53)	80 mins	2	5	16.3" x 13.5" x 14.5"	22.8" x 27.75" x 26"	120	60	1400	ML-52411-32	ML-52411-54
				(41.5 x 34.5 x 37 cm)	(58 x 70.5 x 67.5 cm)	220	50		ML-52411-33	
3.2 (91)	80 mins	3	6	17.7" x 17.7" x 17.7"	24" x 31.9" x 31.7"	120	60	2000	ML-52411-34	ML-52411-55
				(45 x 45 x 45 cm)	(61 x 81 x 80.5 cm)	220	50		ML-52411-35	



# WolfLabs

**Pricing on any accessories shown can be found by keying the part number into the search box on our website.**

The specifications listed in this brochure are subject to change by the manufacturer and therefore cannot be guaranteed to be correct. If there are aspects of the specification that must be guaranteed, please provide these to our sales team so that details can be confirmed.

**[www.wolflabs.co.uk](http://www.wolflabs.co.uk)**

**Tel : 01759 301142**

**Fax : 01759 301143**

**[sales@wolflabs.co.uk](mailto:sales@wolflabs.co.uk)**

Please contact us if this literature doesn't answer all your questions.