



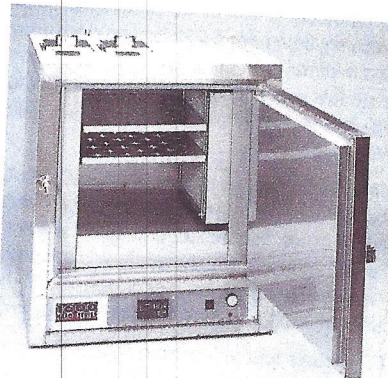
VWR Signature® High-Performance Horizontal Air Flow Cleanroom Ovens

- Encapsulated Insulation
- With or Without HEPA Filter
- Nitrogen Purging
- 24-Step Ramp and Soak PID Controller
- Stainless Steel Interior
- Built-in Over-Temperature Protection
- VWR Limited Two-Year Parts and Labor Warranty

VWR cleanroom ovens have an all-heliarc welded, Type 304 stainless steel chamber, rapid heat recovery, and sealed membrane touchpad control panel to protect controllers. Two separate LED displays for time and temperature show set-point or up-to-the-second process information. A Watlow® Proportional Integral Differential controller provides 24-step ramp and soak, 0.1°C control, and many levels of operator access.

Other features include two stainless steel shelves; removable, adjustable 7.6cm (3") air intake and exhaust ducts; a nitrogen inlet port for purging to prevent contamination; 8.9cm (3½") high-temperature display; wraparound insulation; a high-temperature silicone rubber door seal; and gasketed seams. Model 1602 has a powder-coated epoxy exterior. Model 1601 has a stainless steel exterior and is equipped with a 95%, 0.3µm HEPA filter, for ISO Class 5 (FED-STD-209E Class 100/M3.5) air in the chamber.

Power exhaust accessory (52202-530) is available for fast drying, to exhaust fumes from the lab, or to pull moisture out of high-moisture samples. Can be operated at the end of program for fast cool down, or during all or part of program. If attached, power exhaust can be activated by the controller.



52201-710

	Model 1602	Model 1601
Temperature Range:	40 to 325° (104 to 617°F)	40 to 200°C (104 to 392°F)
Temperature Control:	0.1°C	0.1°C
Temperature Uniformity:	±0.5° @ 100°C ±1.5° @ 200°C	±0.7° @ 100°C ±1.8° @ 200°C
Recovery Times (door open 30 sec.):	4 min. @ 150°C (302°F) 6 min. @ 200°C (392°F)	6 min. @ 150°C (302°F) 8 min. @ 200°C (392°F)

Ordering Information: Supplied with four leveling feet.

Model	Volume, L (cu. ft.)	Interior Dimensions, W x D x H, cm (in.)	Exterior Dimensions, W x D x H, cm (in.)	Electrical	Ship. Wt., kg (lbs.)	Cat. No.	Each
52201-710	124.6 (4.4)	50.8 x 50.8 x 48.3 (20 x 20 x 19)	82.6 x 69.2 x 96.5 (32½ x 27¼ x 38)	208/230V, 50/60Hz, 4200W	130 (285)	52201-710	5372.32
52201-721	104.8 (3.7)	40.6 x 48.3 x 48.3 (16 x 19 x 19)	82.6 x 69.2 x 96.5 (32½ x 27¼ x 38)	208/230V, 50/60Hz, 4200W	130 (285)	52201-721	9245.50
52202-530	—	—	—	—	—	52202-530	476.74

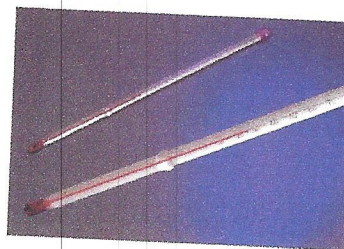


VWR® Oven Thermometers, Spirit-Filled

Celsius Scale
White Back, Spirit-Filled
Individually Serialized

Thermometers feature round glass swells in their bodies and immersion enlargements on their stems. Monopolymer resin-coated thermometers prevent contamination and contain liquid and glass in the event of breakage.

Accuracy: ±1° to 100°C; ±1.5° above 100°C



Range, °C	Divisions	Length, mm (in.)	Immersion, mm (in.)	Cat. No.	Each
to 200	1°C	280 (11)	76 (3)	61018-138	37.84
to 200*	1°C	280 (11)	76 (3)	61222-618	29.72
to 200	1°C	405 (15½/16)	125 (4½/16)	61018-140	42.29
to 200*	1°C	405 (15½/16)	125 (4½/16)	61018-142	46.81
to 120	2°C	135 (5½/16)	Total	61222-620	30.84
to 130*	2°C	135 (5½/16)	Total	61018-144	35.18
to 200	1°C	180 (7¼/16)	Total	61222-622	32.16
to 200*	1°C	180 (7¼/16)	Total	61018-146	36.92

Monopolymer resin-coated.