

Vacuum Ovens



Model 1410



Durable design.

Temperature is controlled by a hydraulic thermostat and a feature stainless steel interior. A half-inch thick tempered glass observation window in the oven door permits easy viewing of the chamber interior.

heat is transferred to the samples via aluminum shelves that are in contact the walls of the chamber.

Convenient access port.

The Model 1430 has a one-inch port that is located on the back of the vacuum oven chamber for easy connection of in-house pump systems and for external access with adapter. (Adapter not included).

Key features:

- True vacuum valves
- Unique cross flow ventilation
- Contact heating
- Wrap around insulation for energy efficiency
- Analog temperature controller
- Stainless steel interior
- Access port (Model 1430)
- Independent overtemperature safety
- CSA approved
- 24 month warranty on parts and labor

Cross flow ventilation.

The vacuum inlet is located on the top front and the bleed back inlet is in the bottom back. This configuration forces your inert gas to travel the greatest distance, passing over your samples and purging the chamber.

Model 1400E



True vacuum valves.

Vacuum valves with seats are located on the top edge of the unit for convenient pump connection. Standard high temperature silicone gaskets ensure a non-leaking seal around the door. Ovens will maintain a vacuum up to 10 microns or better.

Unique contact heating.

These vacuum ovens utilize a unique contact heating system. The walls of the chamber are lined with heating elements. As there is no air in the chamber,

**VWRbrand™
Vacuum Ovens**

**Dependable
performance,
economically
priced**

Cat. No.	Model	Capacity, ft. ³	Style	Temperature Range	Uniformity	Heat Up, Minutes	Dimensions*, W x D x H in.	Watts/Amps
VWRbrand VACUUM OVENS								
52201-218	1400E	0.6	Small, 2 Shelves, 120V	40-210°C	± 3.5°C @ 100°C	30 @ 100°C	Int: 9 x 12 x 9	550/4.6
52201-219	1400E-2		220V		± 5.0°C @ 200°C		Ext: 16 x 16 x 19	800/3.3
52201-504	1410	0.6	Small, 2 Shelves, 120V	40-225°C	± 3.5°C @ 100°C	30 @ 100°C	Int: 9 x 12 x 9	550/4.6
52201-505	1410-2		220V		± 5.0°C @ 200°C		Ext: 19 x 16 x 16	800/3.3
52201-559	1430	1.7	Medium, 2 Shelves, 120V	40-325°C	± 3.5°C @ 100°C	30 @ 100°C	Int: 12 x 20 x 12	1100/9.2
52201-558	1430-2		220V		± 5.0°C @ 200°C		Ext: 25 x 25 x 21	1200/5.0