

True vacuum valves.

Durable 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.

Top accuracy.

The microprocessor controller results in precise temperature control. Digital setpoint and display facilitate the control of the temperature in 1°C increments.

The dual door design helps maintain optimum temperature uniformity. The inner door features a half-inch thick (3/4" on Model 1450M) tempered glass observation window that resists breakage under vacuum and allows you to easily view your samples. These units also feature all stainless steel interiors and exteriors for corrosion resistance and easy cleaning.

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

Model 1410M



**VWR Signature™
Vacuum Ovens**

**Designed for
superior performance**

VWR Signature Vacuum Ovens offer many unique features to ensure superior performance.

Convenient access port.

A one-inch port is located on the back of the vacuum oven chambers for easy connection of in-house pump systems and for external access with adapter. (Adapter not included).

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.

Key features:

- True vacuum valves
- Unique cross flow ventilation
- Contact heating
- Microprocessor temperature controller
- Stainless steel interior and exterior
- Access port
- Independent overtemperature safety
- CSA approved
- 24 month warranty on parts and labor

Cat. No.	Model	Capacity, ft. ³	Style	Temperature Range	Uniformity	Heat Up, Minutes	Dimensions*, W x D x H in.	Watts/Amps
VWR SIGNATURE VACUUM OVENS								
52201-515	1410M	0.6	Small, Digital, 3 Shelves, 120V/220V	40-325°C	± 2.0°C @ 100°C ± 3.0°C @ 200°C	35 @ 100°C	Int. 9 x 12 x 9 Ext. 19 x 16 x 16	1410/8.3 1100/4.6
52201-516	1410M-2							
52201-548	1430M	1.7	Medium, Digital, 3 Shelves, 120V/220V	40-260°C	± 2.0°C @ 100°C ± 3.0°C @ 200°C	35 @ 100°C	Int. 12 x 20 x 12 Ext. 25 x 25 x 21	1000/8.3 1200/5.0
52201-549	1430M-2							
52201-650	1450M	4.5	Large, Digital, 3 Shelves, 120V/220V	40-260°C	± 2.5°C @ 100°C ± 3.5°C @ 200°C	70 @ 100°C	Int. 18 x 24 x 18 Ext. 30 x 28.5 x 24	1500/12.5 1600/6.7
52201-651	1450M-2							

*Exterior dimensions include handle and exhaust stack. • Cycle: 50/60 Hz • Phase: Single

See page 19 for price information.