

EV 018

VACUUM OVEN



EV 018 vacuum oven has the ideal design for gentle drying of heat labile samples and experiments under inert gases and optimizes the control of temperature and pressure. A fast and precise heating performance is obtained by the sheet heaters surrounding the chamber with the combination of PID microprocessor control system.

Stainless steel chamber has high resistance to corrosion, most of the chemical vapours and contamination as well as the silicon gasket which is made in one piece and simply fitted directly on the oven body. The round corners of the chamber and the design of the gasket make the cleaning easier.

The vacuum level can be followed on the vacuum gauge on the control panel.

Two spherical valves are provided as standard: One for vacuum connection and the other for adding dry air or inert gasses.

The samples can be observed through the heat-treated glass window on the door.

The programmable microprocessor control system has two digital displays for temperature and time as well as many functional leds.

Although the microprocessor control system has many safety features, an independent safety thermostat takes over the control in case of any failure.



TECHNICAL SPECIFICATIONS

	EV 018
Temperature Range	70°C / 200°C
Temperature Sensor	Fe-Const
Control System	Programmable Microprocessor PID
Temperature set and display sensitivity	0.1°C
Timer	100 Hours+Hold Position
Useful Volume, liters	15
No of shelves (standard/max)	2/3
Vacuum Gauge	-1 / +1 bar
Vacuum Gauge Reading Sensitivity	0.05 bar
Power Consumption	950 W
Power Supply	230 V, 50 Hz.
Internal Material	Stainless Steel
External Material	Epoxy-Polyester Painted Steel
Internal Dimensions (WxDxH) mm	300x250x200
External Dimensions (WxDxH) mm	517x445x530
Packing Dimensions (WxDxH) mm	560x490x635
Net/Packed Weight kg	37/40

ACCESSORY

R01 007 Stainless Steel Shelf



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ISO 9001
ISO 13485

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