

# 'VACUUM OVEN'

## Model EV 018

### Features

- Digital controls for easy setup
- Easy to set 100 hour timer functions
- Multiple setpoints per program
- Stainless Steel Interior
- Square chamber to minimise wasted space
- 70 – 200 Degrees C temperature range



The 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 is obtained by the sheet heaters surrounding the chamber with the combination of PID microprocessor control system.

The 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 LED's.

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

Specifications	EV018
Temperature Range	70 Deg C / 200 Deg
Temperature Sensor	Fe-Const
Control System	Programmable Microprocessor PID
Temperature set and display sensitivity	0.1 Deg C
Timer	100 Hours + Hold Position
Useful Volume, Litres	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	300 x 250 x 200
External Dimensions	517 x 445 x 530
Packing Dimensions	560 x 490 x 635
Net / Packed Weight (Kg)	37 / 40
<b>Accessories</b>	
Stainless Steel Shelf	R01 007