



MVE SERIES VACUUM OVENS

**Production of
Custom Sizes and
Features*

MVE Series vacuum ovens are devices manufactured for precise drying of samples in temperature-sensitive processes and experiments under inert gases. MVE series ovens, which help to dry the samples without cooking, are used in many areas for many tests;



Pharmacy



Food Industry



Cosmetics Industry



Chemistry



Plastic



Electronics Industry



Vacuum Leak Test

NEW GENERATION SYSTEM

The performance at fast and precise operating temperatures is provided by the external surface heated cell and PID microprocessor control system. Thanks to the digital vacuum controller, vacuum can be programmed and drying can be done depending on the programmed vacuum value.

With the microprocessor control system, the LCD screen provides easy operation for temperature and time.

Vacuum and dry air or inert gas control is provided by two valves connected to the working cabinet.

Providing heating / drying, storage and related test processes in oxygen-free environment or with inert gases without oxidation.

Analogue manometer to monitor the vacuum value inside the cell.

VARIOUS USAGE VOLUMES

Different usage volumes (30-60-90-120 litres) are designed to meet user needs.

Wide temperature operating range for different uses (O.S.+10 °C - 250 °C) allows the user to control temperature and vacuum (10-750 mm/Hg range) together.



ROBUST DESIGN

High strength stainless steel cell provides resistance to vacuum, corrosion and aerosols consisting of many chemicals, Silicone cell gasket provides advantages for temperature and vacuum,

Rounded cell makes cleaning easy,

The observation window made of tempered glass in the door allows observation of the samples during operation,

One-piece gasket made of silicone, which can be easily installed on the body.

| | MVE-30 | MVE-60 | MVE-120 |
|--------------------------------|---|------------------------|------------------------|
| TEMPERATURE OPERATING RANGE | Ambient Temperature +10 °C / 250 °C | | |
| TEMPERATURE SENSOR | PT -100 | | |
| CONTROL SYSTEM | PID & MP | | |
| TEMPERATURE CHANGE | ± 0,1 °C | | |
| TEMPERATURE SENSITIVITY | ± 0,5 °C | | |
| TIME TO POSTPONE | 1 Minute. - 99.59 Hours | | |
| TIMER | 1 Minute. - 99.59 Hours + Indefinite Operation | | |
| USABLE VOLUME | 30 | 60 | 120 |
| SHELF | 2-3 | 2-4 | 2-5 |
| POWER VALUES | 600 W / 230 V, 50 Hz. | 1000 W / 230 V, 50 Hz. | 1500 W / 230 V, 50 Hz. |
| INTERIOR SURFACE STRUCTURE | Stainless Steel | | |
| EXTERNAL SURFACE STRUCTURE | Electrostatic Powder Coated Steel or Stainless Steel Against Rust | | |
| INTERNAL DIMENSIONS (EXBXD) mm | 300x300x335 | 400x400x385 | 520x520x450 |
| OUTER DIMENSIONS (EXBXD) mm | 475x610x450 | 575x710x500 | 695x830x575 |
| HEATING POWER | 600 | 1200 | 1800 |
| NET WEIGHT | 68 | 90 | 107 |
| PACKED WEIGHT | 73 | 95 | 112 |

**You can get information for your specific requests.*

OPTIONAL REQUESTS

- Production in Special Dimensions and Specifications (Dimension/Software/Programme),
- 4.3 / 5.5 and 7.2 Inch Screen Options.
- Internal Memory (125 Days)
- Corrosion resistance in laboratories with stainless steel outer casing,
- Digital vacuum indicator,
- Thanks to the RS 232 output, printer connection is offered without the need for a computer connection,
- Temperature, time and pressure control from the computer with the interface programme.