



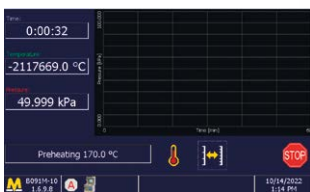
## B091M-01 VDO VACUUM DEGASSING OVEN

STANDARDS: EN 14769 | ASTM D6521 | AASHTO R28

The Vacuum Degassing Oven, (VDO) consists of a stainless steel vacuum vessel with a hinged lid to conserve space and access the vacuum chamber. It can hold up to 8 specimen containers. The unit allows selectable working temperature range from ambient to 200 °C with a resolution of ± 0.1 °C. The VDO assures the achievement and the maintenance of the required pressure for vacuum according to the standards.



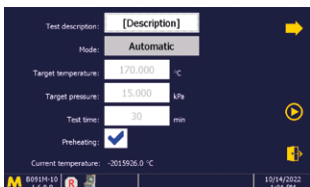
Double-face sample holder for testing up to 4 samples Ø 70 x 45 mm, or 8 samples Ø 55 x 35 mm



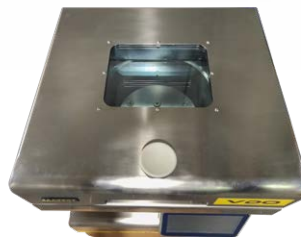
Pre-heating mode to save time before starting the test.



Pressure and temperature can be monitored in real time and registered during the test.



- 3 possible operation modes:
- Automatic: as per Standards.
  - Semi-Auto: temperature selectable up to 200 °C.
  - Manual: testing time selectable up to 99 Minutes.



Big inspection window to monitor the samples during the test.



Platinum RTD probe for measuring the test temperature placed at the sample level.

### MAIN FEATURES

- 3 operating modes: Fully Automatic, Semi-Automatic and Manual.
- Temperature is measured by Platinum RTD.
- Over temperature limit switch.
- Automatic release of the pressure at the end of the test.
- Double vessel to insert 4 or 8 samples.
- Fast heating and vacuum system to reach set point.
- USB port on front with software upgrades and data storage.

### TECHNICAL SPECIFICATION

- Operating pressure: 15 ± 1 Kpa, res: ± 0.1 Kpa
- Test temperature: 170 ± 4 °C, res: 0.1 °C
- Working temperature range: Ambient to 200 °C

**Power supply:** 230V 1ph 50Hz

**Dimensions:** 430x450x470 mm approx.

**Weight:** 30 kg approx.