

# Genlab

## Laboratory Division

### MOISTURE EXTRACTION OVENS



50 litre Moisture Extraction Oven  
with Digital Controls  
ME/50/DIG



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ME/350/DIG

The GENLAB range of Moisture Extraction Ovens are specifically designed to provide rapid drying and removal of excess moisture when standard drying ovens will not perform adequately.

#### Features

- 14 sizes 50 to 1000 litres
- Temperature range: 40 to 250°C
- Fluctuation +/- 0.75°C
- Fan circulation
- Easy clean powder coated body
- Aluminium coated mild steel chamber
- Direct reading thermostat
- Safety overheat thermostat
- Full two year warranty
- C.E. compliant

#### Options

- Stainless steel chamber
- Microprocessor digital controller with dual display of set point and actual temperature
- Other accessories available on request



Certificate No. 5531

# MOISTURE EXTRACTION OVENS

## Design

The ovens are specifically designed for the rapid extraction of moisture and are fitted with special large diameter outlet vents suitable for connection to most external extraction systems.

The exterior is constructed from sheet steel finished in an easy clean powder coated paint. The interior chamber is made from mild steel coated with aluminium (CLAD) with a stainless steel chamber available as an option.

Fitted with fixed shelf runners and removable chrome plated wire grid shelves.

## Heating

Heated by Incoloy sheathed elements fitted around the fan circulation.

## Controls

Units up to 200 litres capacity have a basic control system that comprises of a direct reading thermostat and overheat thermostat, both with calibrated scales and tamper proof locks. They also include mains switch with indicator and heat and overheat indicators.

Units 250 litres capacity and larger have a digital control system that comprises a Microprocessor digital temperature, with dual display of set point and actual temperature, and which is auto-tuned for each individual unit to optimise the heat up, overshoot and control of temperature. This is also available as an optional extra to the smaller units.

## Specifications

| Genlab ref. Number | Capacity (litres) | Internal dims (H x W x D cm) | External dims (H x W x D cm) | No. of shelves | No. shelf positions | Weight (kg) |
|--------------------|-------------------|------------------------------|------------------------------|----------------|---------------------|-------------|
| ME/50              | 50                | 45 x 37 x 34                 | 57 x 73 x 47                 | 2              | 3                   | 31          |
| ME/75              | 75                | 45 x 49 x 34                 | 57 x 85 x 47                 | 2              | 3                   | 39          |
| ME/100             | 100               | 45 x 49 x 46                 | 57 x 85 x 59                 | 3              | 4                   | 48          |
| ME /125            | 125               | 55 x 49 x 46                 | 68 x 85 x 59                 | 3              | 5                   | 57          |
| ME/150             | 150               | 55 x 49 x 54                 | 68 x 85 x 66                 | 3              | 5                   | 66          |
| ME/200             | 200               | 75 x 49 x 54                 | 87 x 85 x 66                 | 4              | 7                   | 85          |
| ME/250/DIG         | 250               | 91 x 51 x 52                 | 127 x 69 x 69                | 5              | 7                   | 95          |
| ME/350/DIG         | 350               | 91 x 61 x 62                 | 127 x 79 x 79                | 5              | 7                   | 110         |
| ME/425/DIG         | 425               | 91 x 61 x 77                 | 127 x 79 x 94                | 5              | 7                   | 140         |
| ME/500/DIG         | 500               | 114 x 61 x 77                | 150 x 79 x 74                | 5              | 9                   | 155         |
| ME/650/DIG         | 650               | 114 x 77 x 77                | 150 x 142 x 95               | 5              | 9                   | 170         |
| ME/750/DIG         | 750               | 128 x 77 x 77                | 164 x 142 x 95               | 5              | 10                  | 190         |
| ME/850/DIG         | 850               | 142 x 77 x 77                | 178 x 142 x 95               | 5              | 11                  | 210         |
| ME/1000/DIG        | 1000              | 142 x 77 x 92                | 178 x 142 x 110              | 5              | 11                  | 230         |

## Ordering

All units have CLAD interior as standard with the microprocessor digital control as an option below 250 litres

Where options are required simply add the option code to the original reference.

ie ME/75 with stainless steel chamber and digital controller is ME/75/SS/DIG

## Option codes

Stainless steel/SS

Digital control / DIG