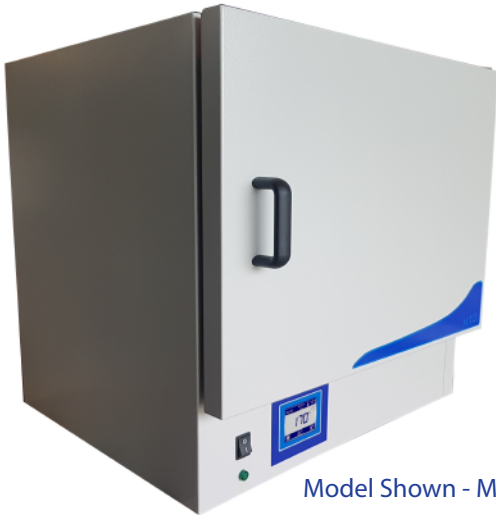


Genlab Material Testing Ovens



Model Shown - MTO/50/F/TDIG



Model Shown - MTO/50/F

The Genlab range of Material Testing Ovens offers a selection of highly efficient, reliable and cost effective units to suit most material testing requirements. It is an ideal general purpose oven. This range is available with 'simple to use' thermostatic operation, or, with Genlab's latest touch screen control system which offers intuitive control. Both control systems offer excellent accuracies designed for material testing applications.

Features

- 3 Sizes 50 to 150 litres
- Temperature range: 40°C to 250°C
- Excellent stability (<1.0 °C)
- Fan assisted circulation
- Low temperature uniformity

Thermostat features...

- Easy to use thermostatic control
- Independant overheat thermostat

Touch screen features ...

- 3.2in touch screen P.I.D. interface control
- On screen historical trending (48hours)
- Manual overheat control

Options

- Access Ports (25, 50, 75 or 100mm)
- Traceable calibration to national standards
- Bespoke stands or stacking kits
- Extended warranty

Additional options for touch screen version ...

- 8 Stage profile control
- Count down timer
- 24 / 7 real time clock operation

Design

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).

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

Heating

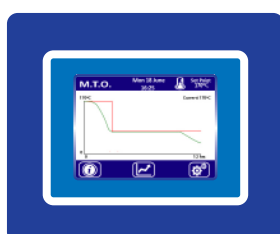
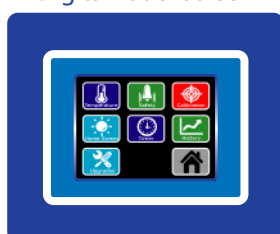
Heated by Incoloy sheathed elements positioned in the rear of the unit. Air is entered into the rear of the unit, passed across the heating element and into the chamber.

Controls

Available with 2 options, thermostatic or touch screen digital interface. Thermostatic control comprises of a direct reading thermostat and overheat thermostat, both with calibrated scales and tamper proof locks. They also include a mains switch with heating and overheat lamp indicators.

Touch screen option offers both accurate temperature control and an integral overheat system by using 2 individual PT100 sensors. Oven trending is displayed for up to 48 hours and oven status is shown on the 3.2 inch colour screen. Advanced timer options are available in this model.

Digital Touchscreen



Thermostatic



Sizes and Specifications

Genlab ref. Number	Capacity (litres)	Internal Dimensions H x W x D cm	External H x W x D cm	No. of shelves ...positions	Element Rating Wattage	Weight (kg)
Digital Touch Screen Control						
MTO/50/F/TDIG	47	33 x 49 x 29	65 x 63 x 59	2...3	750	45
MTO/100/F/TDIG	90	45 x 49 x 41	77 x 63 x 72	3...4	1000	60
MTO/150/F/TDIG	132	55 x 49 x 49	87 x 63 x 80	3...5	1500	70
Thermostatic Control						
MTO/50/F	47	33 x 49 x 29	65 x 63 x 59	2...3	750	45
MTO/100/F	90	45 x 49 x 41	77 x 63 x 72	3...4	1000	60
MTO/150/F	132	55 x 49 x 49	87 x 63 x 80	3...5	1500	70

Ordering

All units have CLAD interior with either thermostat or touch screen interface as standard.

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

E.g. MTO/100/F/TDIG with timer and access ports becomes MTO/100/F/TDIG/TIM/AP

Contact sales for bespoke options.

Option Codes

Access Ports - AP

Extended Warranty - X1

Traceable Calibration - SPC

3 Stage Advance Timer - TIM (TDIG models only)

Stands/Stacking Kits - STACK