

Sample Preparation

Temperature Treatment and Drying

Drying Ovens and Heating Chambers

General Purpose Ovens, Genlab



A range of efficient, reliable, cost effective ovens ideal for most drying, warming and general laboratory applications. The exterior is sheet steel finished in an easy-to-clean powder coated paint and the inner chamber is made from mild steel coated with aluminium (CLAD). The top vent is fitted with a clip to hold a mercury-in-glass thermometer. Heated by means of Incoloy sheathed elements; positioned below the chamber floor for natural convection units and fitted around the fan on the back or side wall of the chamber for mechanical convection units. The control system comprises of a direct reading thermostat and over-temperature thermostat both with calibrated scales and tamper-proof locks. They also include an illuminated mains switch with heat and overheat indicators.

- Vertical style MIN units are fitted with the controls below the door; horizontal style OV units have the controls fitted on the side
- The 50 to 200 litre units have fan circulation as standard
- PID microprocessor controller with dual displays of set point and actual temperature, which is configured for each individual unit to optimise the heat up, overshoot and control of temperature

Model	MINO/6	MINO/30	OV/50	OV/75	OV/100	OV/125	OV/150	OV/200
Capacity (l)	6	30	50	75	100	125	150	200
Heating system	Natural convection	Natural convection	Forced Convection	Forced Convection	Forced Convection	Forced Convection	Forced Convection	Forced Convection
Max. power consumption (W)	350	750	750	1000	1000	1250	1500	2000
Temperature range (°C)	40 to 250	40 to 250	40 to 250	40 to 250	40 to 250	40 to 250	40 to 250	40 to 250
Temperature variation at 70 °C (°C)	±2.0	±2.0	±2.0	±2.0	±2.0	±2.0	±2.5	±2.5
Shelves (shelf positions)	1 (1)	2 (2)	2 (3)	2 (3)	3 (4)	3 (5)	3 (5)	4 (7)
WxDxH ext. (mm)	320x330x39 0	480x490x50 0	730x470x57 0	850x470x57 0	850x590x57 0	850x590x68 0	850x660x68 0	850x660x87 0
WxDxH int. (mm)	230x190x15 0	360x350x24 0	370x340x45 0	490x340x45 0	490x460x45 0	490x460x55 0	490x540x55 0	490x540x75 0
Weight (kg)	7	20	31	39	48	57	66	85

Delivery Information: Supplied with removable chrome-plated wire grid shelves. A wide range of options and accessories is available; including models with a stainless steel inner chamber. Units up to 1250 litres are available; alternatively custom-built ovens are also available, please enquire for details.

Description	Pk	Cat. No.
MINO/30, natural convection	1	466-0237
MINO/6, natural convection	1	466-0238
OV/100, forced convection	1	466-0239
OV/125, forced convection	1	466-0240
OV/150, forced convection	1	466-0241
OV/200, forced convection	1	466-0242
OV/50, forced convection	1	466-0243
OV/75, forced convection	1	466-0244