

Genlab Drum Warming Ovens



Model Shown - DWO16

Genlab offer a range of Drum Warming Ovens that are specifically designed for any type of drum warming requirement and are available in a range of sizes from one to sixteen drum capacity. Larger capacity units are available on request. Internal racking and cages are available to suit most drum sizes or specific systems can be manufactured to meet individual customer requirements.

Features

- 5 sizes 1, 2, 4, 8 and 16 drum capacity
- Temperature range 50°C to 150°C
- Dual door with heaving duty 2 point locking mechanism
- Internal safety release lock
- Manual overheat reset
- High velocity fan assisted circulation
- Excellent stability <0.8 °C
- Low chamber uniformity

Options

- Stainless steel chamber
- Profile / cascade controllers
- Process recorders with ethernet and USB output
- Count down timers
- Explosion relief panels
- Heavy duty shelving / trolleys
- Access ports (25, 50, 75 or 100mm)
- Traceable calibration to national standards
- Temperature uniformity surveys
- Extractor units/bifurcated fans



Design

The Drum Warming Ovens are constructed from a powder coated heavy duty tubular frame fitted with powder coated panels.

The interior chamber is made from mild steel coated with aluminium, with stainless steel chambers available as an option. They are designed with a full insulated load bearing floor or energy efficient running.

Heating

Units are heated by Incoloy sheathed elements positioned in the roof of the oven, and have high speed fans for high velocity air circulation. Heated air is forced down internal side walls of the oven for optimum uniformity conditions. The larger DW016 has the elements positioned in the rear of the unit.

Controls

An external control panel is mounted on the right hand side of the oven (left upon request). They are populated with market leading controllers or recorders from Eurotherm and have premium switchgear for longevity and reliable operation. Each oven has an independent overheat protection and fan motor protection, both requiring manual reset to ensure safe operation.



Sizes and Specifications

Genlab Reference Number	Capacity (litres)	Internal Dims (H x W x D cms)	External Dims (H x W x D cms)	Wattage (KW)	Voltage	Weight (kg)
DWO1	960	150 x 80 x 80	220 x 145 x 110	9	415	750
DWO2	1900	150 x 160 x 80	220 x 225 x 110	15	415	900
DWO4	3850	150 x 320 x 80	220 x 385 x 110	21	415	1200
DWO8	7680	150 x 300 x 140	220 x 370 x 170	27	415	1600
DWO16	11760	280 x 300 x 140	310 x 370 x 210	30	415	2000

Ordering

All units have a CLAD interior with an external control panel mounted on the right hand side.

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

E.g. DWO08 with explosion relief panels and 25mm access port becomes DWO8/BIEXT/AP

Contact sales for bespoke options.

Option Codes

Stainless Steel Chamber - SS
Explosion Relief Panels - EXP
Profile Control - 3016CP
25mm Access Ports - AP

3 Point Calibration - 3PC
Extraction Systems - BIEXT
10 Stage Profile - 3016PC10
50mm Access Ports - AP50

9 Point TUS - 9PC
Count Down Timer - TDT
Recorder - NCR
75mm Access Ports - AP75

Door Contact - DC
Real Time Clock - RTC
Recorder with Multi Profile - NPCR

