



Drum Warming Ovens

Genlab offer a range of Drum Warming Ovens that are specifically designed to warm either 200 litre drums, or IBC's, 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
- Auto 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 for 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 and have premium switchgear for longevity and reliable operation. Each oven has an independent overheat protection with auto reset and fan motor protection.

Sizes and Specifications

Genlab Reference Number	Capacity (approx litres)	Internal Dimensions (H x W x D cm)	External Dimensions (H x W x D cm)	Wattage (KW)	Voltage	Fans (No x size)	Weight (kg)
DW01	885	130 x 80 x 85	199 x 154 x 113	9	415	1 x 0.37	700
DW02	1550	130 x 140 x 85	199 x 214 x 113	12	415	1 x 0.55	800
DW04	2550	130 x 140 x 140	199 x 214 x 168	15	415	2 x 0.55	1000
DW08	5460	130 x 300 x 140	204 x 374 x 168	24	415	2 x 0.55	1400
DW016	12100	270 x 320 x 140	310 x 372 x 207	30	415	4 x 0.55	1800

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. **DWO/08** with explosion relief panels and 25mm access port becomes **DWO/08/BIEXT/AP**. Contact sales for bespoke options.

Option Codes

SS	Stainless Steel Chamber	BIEXT	Extraction Systems	NCR	Recorder
3PC	3 Point Calibration	TDT	Count Down Timer	NPCR	Recorder with Multi Profile
9PC	9 Point TUS	RTC	Real Time Clock	AP	25mm Access Ports
DC	Door Contact	3016CP	8 Segment Profile Control	AP50	50mm Access Ports
EXP	Explosion Relief Panels	3016P10	10 x 24 Segment Profile Control	AP75	75mm Access Ports