



## Genlab 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 from Eurotherm 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 (litres) | Internal Dims (H x W x D cms) | External Dims (H x W x D cms) | Wattage (KW) | Voltage | Fans (No x size) | Weight (kg) |
|-------------------------|-------------------|-------------------------------|-------------------------------|--------------|---------|------------------|-------------|
| DWO1                    | 885               | 130 x 80 x 85                 | 199 x 154 x 113               | 9            | 415     | 1 x 0.37         | 700         |
| DWO2                    | 1550              | 130 x 140 x 85                | 199 x 214 x 113               | 12           | 415     | 1 x 0.55         | 800         |
| DWO4                    | 2550              | 130 x 140 x 140               | 199 x 214 x 168               | 15           | 415     | 2 x 0.55         | 1000        |
| DWO8                    | 5460              | 130 x 300 x 140               | 204 x 374 x 168               | 24           | 415     | 2 x 1.5          | 1400        |
| DWO16                   | 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. DW08 with explosion relief panels and 25mm access port becomes DW08/EXP/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

