

Genlab Drying / Warming Cabinets



Model shown DC125



Model shown IWC200



Model shown DC500



Model shown DC1000

The Genlab range of Drying / Warming Cabinets are suitable for drying a range of items such as glassware, instruments and PCB's. They are also used to aid any general purpose warming applications. Genlab has sold these Drying Cabinets extensively across the globe and they have always proved to be a very popular product.

Two variations are available which are the standard non-insulated units and insulated units for improved efficiency plus energy and cost savings. A touch screen digital controller is also available as an option upgrade on the insulated versions.

Features

- 4 Sizes 125 to 1000 litres (DC)
- 4 Sizes 100 to 885 litres (IWC)
- Temperature range: 30°C to (ambient + 50) °C
- Easy to use thermostatic control
- Independant overheat thermostat
- Lockable castors (IWC425&IWC885 models)
- Stainless steel chamber (IWC version only)

Touch screen features (available as upgrade on IWC)

- 3.2in touch screen P.I.D. interface control
- On screen historical trending (48hours)
- Manual overheat control
- High accuracy Pt100B duplex sensors <0.8 °C

Options

- Touch screen digital controller with on screen trending (IWC only)
- Fan assisted circulation (under 250L, standard above 425L)
- Access Ports (25, 50, 75 or 100mm)
- Traceable calibration to national standards
- Bespoke stands or stacking kits
- Extended warranty
- Wall mounting brackets (DC125/250 & IWC100/200 only)
- Extractor unit



Design

The exterior is constructed from sheet steel and finished in an easy clean powder coated paint. It is fitted with adjustable shelf runners, removable plated wire grid shelves and ventilation outlets. The insulated range of units give far greater temperature control, allowing greater accuracy during the drying and warming process. The resulting reduction in energy requirements gives a performance saving of over 30% compared to the non-insulated range, which significantly reduces the running costs on these models, making them both highly efficient and very cost effective. Models under 250 litres have sliding, toughened glass doors. The larger models have hinged,

Heating

Heated by Incoloy sheathed elements which are positioned in the base of the unit. Units above 425 litres have fan assistance as standard.

Controls

Available with two options, thermostatic or touch screen digital interface. Thermostatic control comprises of a direct reading thermostat with calibrated scales and tamper proof locks and an independent overheat thermostat as standard. They also include a mains switch and heating lamp indicator. The upgraded touch screen option offers both accurate temperature control and an integral overheat system by using two individual PT100 sensors. Oven trending is displayed for up to 48 hours and cabinet status is shown on the 3.2 in colour screen.

TDIG Upgrade Controller (available on IWC)



Sizes and Specifications

| Genlab Reference Number | Capacity (approx litres) | Internal Dims (H x W x D cms) | External Dims (H x W x D cms) | Shelves /Positions | Wattage | Voltage | Weight (kg) |
|-------------------------|--------------------------|-------------------------------|-------------------------------|--------------------|---------|---------|-------------|
| Non-Insulated | | | | | | | |
| DC125 | 125 | 43 x 72 x 40 | 60 x 74 x 42 | 3..5 | 500 | 230 | 40 |
| DC250 | 250 | 52 x 98 x 48 | 66 x 100 x 50 | 3..6 | 750 | 230 | 55 |
| DC500 | 500 | 138 x 58 x 62 | 168 x 60 x 65 | 3..12 | 1750 | 230 | 75 |
| DC1000 | 1000 | 138 x 116 x 62 | 168 x 118 x 65 | 3..12 | 2500 | 230 | 130 |
| Insulated | | | | | | | |
| IWC100 | 100 | 40 x 67 x 37 | 60 x 74 x 42 | 3..5 | 500 | 230 | 50 |
| IWC200 | 200 | 49 x 93 x 45 | 66 x 100 x 50 | 3..6 | 750 | 230 | 75 |
| IWC425 | 425 | 135 x 53 x 59 | 175 x 60 x 65 | 3..12 | 1750 | 230 | 140 |
| IWC885 | 885 | 135 x 111 x 59 | 175 x 118 x 65 | 3..12 | 2500 | 230 | 210 |

Ordering

All units have a powder coated mild steel exterior and the insulated cabinets have 304 Stainless steel interior. Where options are required, simply add the option code to the original reference. E.g. IWC100 with fan assisted and touch screen controller becomes IWC/100/F/TDIG. Contact sales for bespoke options.

Option Codes

Touch Screen Controller - TDIG

Access ports -AP

Extractor Systems - EXT

Fan Assisted (less than 250L) - F

Traceable Calibration - SPC

Extended Warranty - X1

Audible Warning - AWA

Wall Brackets - WALL



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