IWC200

DC500

Drying / Warming Cabinets

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)
- 3.2 in touch screen PID interface control
- On screen historical trending (48 hours)
- Manual overheat control
- High accuracy PT100B duplex sensors <0.8°C
- Selectable HMI languages

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

2 YEARS WARRANTY

nqa. ISO 9001 QUALITY MANAGEMENT

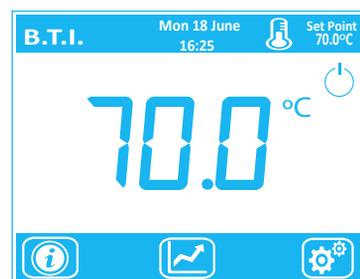UKAS MANAGEMENT SYSTEMS 015

Made in Britain

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, toughened glass doors.

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 independant 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 (litres)	Internal Dimensions (H x W x D cm)	External Dimensions (H x W x D cm)	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

TDIG	Touch Screen Controller	**F**	Fan Assisted (less than 250L)	**AWA**	Audible Warning
AP	Access Ports	**SPC**	Traceable Calibration	**WALL**	Wall Brackets
EXT	Extractor Systems	**X1**	Extended Warranty		