



Whitley Workstations Whitley A85 Anaerobic Workstation

don whitley
scientific



- Innovative touch screen interface with PIN number user access
- Control temperature from 5°C above ambient up to 45°C
- Modern, ergonomic design
- Dual gas operation
- Automatic commissioning cycle
- Automatic de-humidification system - no user maintenance necessary
- Patented multi-functional gloveports
- Optional refrigeration unit available

The Whitley A85 Anaerobic Workstation has been created to enable both research and clinical scientists to carry out microbial manipulation within a secure anaerobic environment.

Every aspect of system functionality has been thoroughly considered - a 30 litre airlock, environmental control systems, touch screen interface, workspace visibility, fabrication quality, the unique gloveport system and maximum incubation capacity. It provides the ideal controlled environment for small or large numbers of samples.

Both the working and storage areas of the chamber are temperature controlled with a uniform temperature gradient throughout. This allows the full internal chamber volume to be used for incubation if desired.

The Whitley A85 has been designed to ensure ultimate performance combined with user comfort, convenience and reliability.



The large 30 litre airlock with powered internal door provides fast sample and equipment transfer whilst ensuring the minimum amount of oxygen is introduced into the chamber.

The patented oval gloveports enable you to work gloved or bare handed. Each gloveport also acts as a mini-airlock for up to 10 plates each so if you have just a few samples to incubate you can save time and gas by taking advantage of this feature.

The colour, touch-screen interface allows you to easily monitor all parameters simultaneously and eliminates the need for any other dials, switches and gauges.

Every chamber is heat-treated during manufacture to increase the durability of the fabricated structure and to ensure a long working life for your investment.

Specification

A07300	230V	Whitley A85 Anaerobic Workstation External dimensions (L x H x D) 1570mm x 840mm x 760mm
A07301	110V	

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Whitley A85 Anaerobic Workstation / 1091-03 / December 2014

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About Don Whitley Scientific

For over thirty years we have pioneered the development and use of modified atmosphere workstations for microbiology and cell culture applications

More than 2000 of our workstations are in use in fifty countries

Worldwide technical support

Scientific guidance available from our own in-house contract laboratories

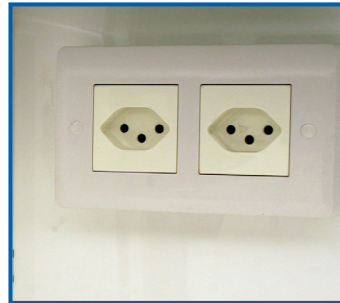


Go online to see our workstations in operation:

www.dwscientific.co.uk



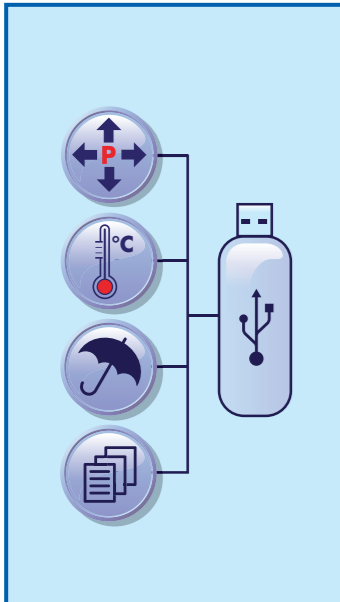
9cm Letterbox - Ideal for introducing individual samples quickly.



Optional internal country-specific mains power sockets.



Supplementary controls and the USB sockets are conveniently located behind a rotating cover.



Convenient USB memory stick download of internal pressure, humidity, temperature parameters and events log

A85 Anaerobic Workstation fitted with two sleeve ports

The integral 30 litre airlock has the capacity to introduce up to 90 Petri dishes or small items of equipment into the workstation in only 5 minutes.

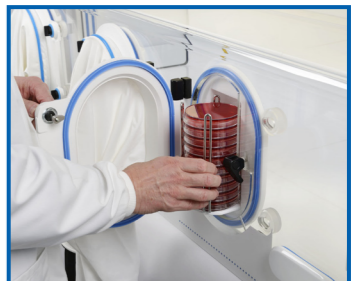
Three types of single plate entry system are available – these are ideal for quickly transferring all sizes of dishes and other small items.



Intuitive operational software accessed via a full colour touch screen interface.



The airlock can transfer items of equipment or up to 90 x 90mm Petri dishes in only 5 minutes.



The glove ports can be used as mini-airlocks.

Factory-Fitted Options

- A06106 Double Internal Mains Power Socket** - (1 Amp maximum)
- A03125 9cm Letterbox** - Ideal for quickly introducing small quantities of samples.
- A07320 Refrigeration Unit** - The standard refrigeration unit is designed to operate at $8^{\circ}\text{C} \pm 1.5^{\circ}\text{C}$ when located in an ambient temperature of $21^{\circ}\text{C} \pm 2^{\circ}\text{C}$. For other temperature requirements, please discuss your needs with our technical staff.
- A02945 Spare Cable Gland** - The standard cable gland allows cables and probes (3mm - 7mm in diameter) to be introduced into the chamber without compromising internal conditions. More than one gland can be fitted. Glands to accommodate larger diameters are available - please discuss your requirements with our technical staff.
- A06116 Automatic Sleeve Gassing System**

Software/Accessories

- A07200 Data Logging** - Allows the data recording of environmental parameters inside the workstation - temperature and humidity levels and cabinet internal pressure. The collected data can be downloaded via a USB interface to a memory stick and transferred to a PC for further analysis.
- A07216 Trolley** - A custom-designed trolley frees up bench space and allows the workstation to be moved easily between laboratories and/or for servicing.
- A02750 Basket Tag Set** - Enables users to colour code individual stacks of Petri dishes. Notes can be written on the reusable tags using either permanent or water soluble markers.
- A02534 10 Plate Petri Dish Rack**
- A00006 Gas Leak Detector**

Consumables

- A02820 Sleeve Kit** – With latex wrist seals
- A02830 Sleeve Kit** – With neoprene wrist seals (standard)
- A02840 Sleeve Kit** – With neoprene wrist seals (large)
- A02715 New Style Sleeve** – (single)
- A02821 Latex Wrist Seal** – (pair)
- A02831 Neoprene Wrist Seal (standard)** – (pair)
- A02841 Neoprene Wrist Seal (large)** – (pair)
- A02672 Glove Retaining O' Ring**
- A02716 Plastic Sleeve Cuff Ring**
- A02855 Wrist Seal O' Ring**
- A02129 Anotox™ (350g)**
- A03120 Catalyst Recharge (460g)**



10 plate petri dish rack.