



Whitley Workstations Whitley A85 Anaerobic Workstation

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

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

The patented oval gloveports are operated by a wireless footswitch and enable you to work gloved or bare handed. Each gloveport also acts as a mini-airlock for up to 20 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) |
| A07301 | 115V | 1570mm x 840mm x 760mm |

In the interests of a policy of continuous product improvement the company reserves the right to alter product specifications without prior notice. All rights reserved.
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The Whitley A85 Anaerobic Workstation has been created to enable both research and clinical scientists to carry out sample 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 and our unique motorised gloveport system. We have maximised incubation capacity and created 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.

Innovative touch screen interface with PIN number user access

Control temperature from 5°C above ambient up to 45°C

Modern, ergonomic design

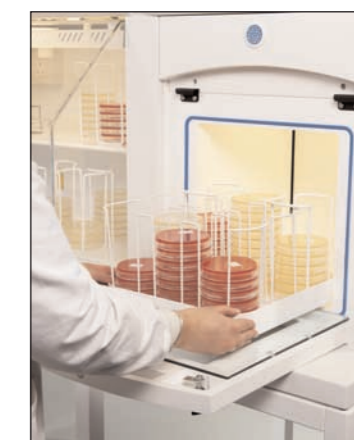
Dual gas operation

Automatic commissioning cycle

Automatic de-humidification system - no user maintenance necessary

Patented remote controlled, multi-functional gloveports

Optional refrigeration unit available



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30 litre airlock for bulk sample transfer, accommodating 90 x 90mm Petri dishes



Supplementary controls are located behind a rotating cover



USB socket is conveniently located with the supplementary controls

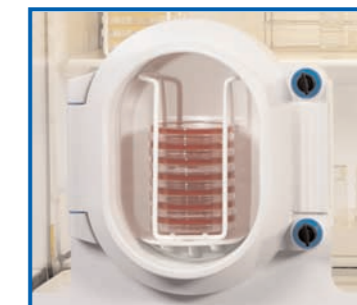


Whatever your application we can help you tailor the Whitley A85 Workstation to your requirements. For example, if you want to be able to use electrical equipment inside the chamber, you could include the option of an internal electrical socket.

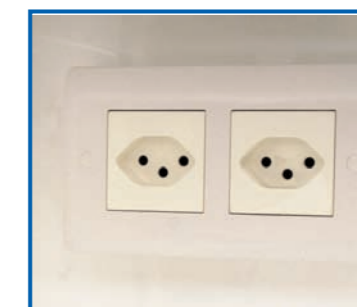
A85 Anaerobic Workstation



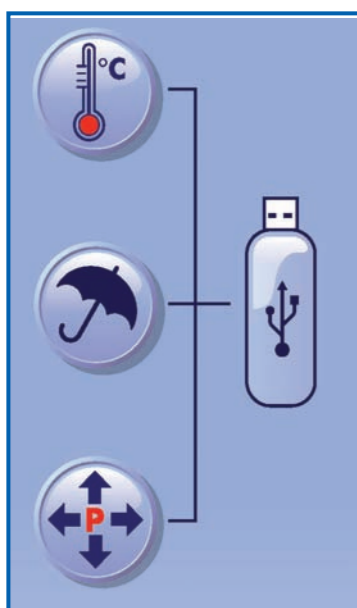
Intuitive operational software accessed via a full colour touch screen interface



Each porthole is also a mini-airlock. Up to 40 x 90mm Petri dishes can be transferred at the same time as an operator's hands are inserted or withdrawn from the chamber



Optional internal country-specific mains power sockets



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

Factory-Fitted Options

- A02617 Double Internal Mains Power Socket** – (1 Amp maximum)
- A02711 9cm Letterbox** – Ideal for quickly introducing small quantities of samples.
- A05009 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.

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.
- A07302 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**



Basket Tag Set