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Whitley Workstations

Whitley A85TG Anaerobic Workstations



**Innovative touch screen interface
with PIN number user access**

**Three gas operation for maximum
cost-efficiency**

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

Modern, ergonomic design

Automatic commissioning cycle

**Automatic de-humidification
system - no user maintenance
necessary**

**Patented multi-functional
gloveports**

**Optional refrigeration unit
available**

The most cost-effective workstation – only from Don Whitley Scientific

The Whitley A85TG Workstation enables both research and clinical scientists to carry out microbial manipulation within a secure anaerobic environment.

Unique to DWS, this 3-gas A85 Workstation can be around 30% cheaper to run than the dual gas version (which operates on ANO₂ and N₂). The A85TG runs on separate cylinders of N₂, H₂ and CO₂, which is much more cost-effective than purchasing pre-mixed anaerobic gas.

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 A85TG has been designed to ensure ultimate performance combined with user comfort, convenience and reliability.

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 so each time you insert or withdraw your arms, up to 20 plates can be introduced or removed with no extra gas usage. This can also reduce the number of airlock cycles required.



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

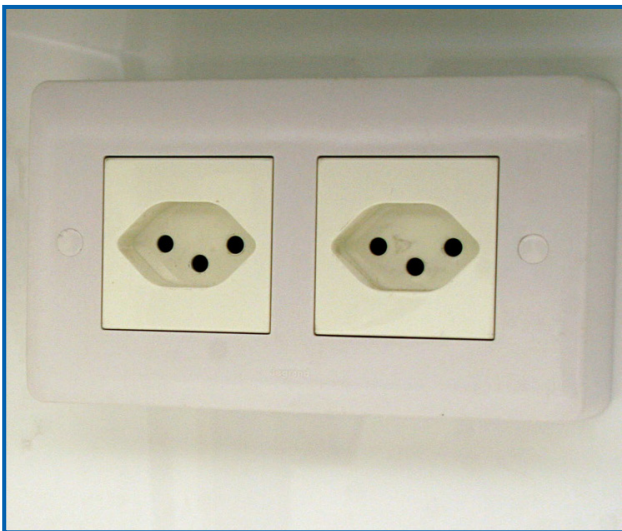
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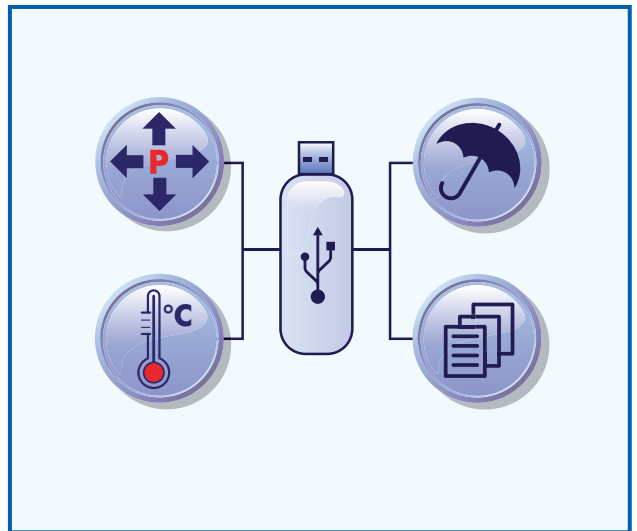
The glove ports can be used as mini-airlocks.



9cm Letterbox - Ideal for introducing individual samples quickly.



Optional internal country-specific mains power sockets.



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



Intuitive operational software accessed via a full colour touch screen interface



Large and small cable glands can be incorporated.



A85TG Anaerobic Workstation fitted with two sleeved 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.

Factory-Fitted Options

A06116 Double Internal Power Socket - (1 Amp maximum)

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 with our technical staff.

A06128 Large Cable Gland

A07201 Whitley Anaerobic Conditions Monitor (includes data logging) - Provides confirmation that anaerobic conditions exist inside the chamber.

A06116 Automatic Sleeve Gassing System

Software/Accessories

A07200 Data Logging - For temperature, humidity and chamber pressure.

A05002 Trolley - Custom-designed trolley frees up bench space and allows the workstation to be moved easily.

A05006 Trolley Extension - To accommodate the airlock.

A00006 Electronic Gas Leak Detector

A03872 10 Plate Petri Dish Rack Coloured Label Set (x140 x 7 different colours)

A02534 10 Plate Petri Dish Rack

Retrofit Options

A03125 9cm Single Plate Entry System (Letterbox) - Ideal for quickly introducing small quantities of samples.

A03225 Long Letterbox - With long support tray for larger items.

A03325 Folding Letterbox - With folding tray.

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 3000 of our workstations are in use in fifty countries

Worldwide technical support

Scientific guidance available from our own in-house contract laboratories

The A85TG is also now available with a fully integrated Anaerobic Conditions Monitor. This factory-fitted option displays real time oxygen levels using coloured segments – green, amber or red – depending upon the trace levels of oxygen present. The data gathered can be downloaded for further analysis.

A single plate entry system can be retrofitted to any A85TG as it will be supplied with a blanking plate as standard. If you decide that this feature would be useful to you, you have the choice of three types of single plate entry system.

Whatever your application, we can tailor the Whitley A85TG Workstation to your requirements. For example, if you want to be able to use electrical equipment inside the chamber, you can include the optional internal double electrical socket.

Specification

A07060	230V	Whitley A85TG Anaerobic Workstation External dimensions (L x H x D) 1570mm x 840mm x 760mm
A07061	115V	

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Don Whitley Scientific Limited

14 Otley Road, Shipley, West Yorkshire, BD17 7SE, England.

Telephone: +44 (0)1274 595728 Fax: +44 (0)1274 531197

Website: www.dwscientific.co.uk Email: sales@dwscientific.co.uk