

ANAEROBIC WORKSTATION



innovation
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Whitley Workstations

Whitley A35 Anaerobic Workstation



The Whitley A35 Anaerobic Workstation has been created by listening to customer needs and fulfils the diverse specifications of both research and clinical customers.

Even with a relatively small footprint incubation capacity is maximised and creates the perfect controlled environment, for small or large sample numbers.

Complete with a built-in, rapid airlock and an intuitive touchscreen control panel, this workstation also allows you the option of working completely glove and sleeve free if fitted with the optional instant access porthole system.

Sample manipulation within a secure anaerobic environment is now as easy as working aerobically at the laboratory bench. Both the working and storage areas of the chamber are temperature controlled with an impressively low temperature gradient throughout. This allows the full internal chamber volume to be used for incubation if desired.

The optional Instant Access Porthole System eliminates gloves and sleeves - uses eight times less gas than conventional porthole systems

Rapid, built-in airlock with mechanical and electrical interlocks - no risk of compromising conditions inside the chamber, flushed with nitrogen as an additional cost saving

Innovative touch screen interface with password-protected user levels

Modern, ergonomic design

Dual gas operation

Automatic commissioning cycle

Automatic de-humidity control system – no user maintenance necessary

Available with integrated Anaerobic Indicator system





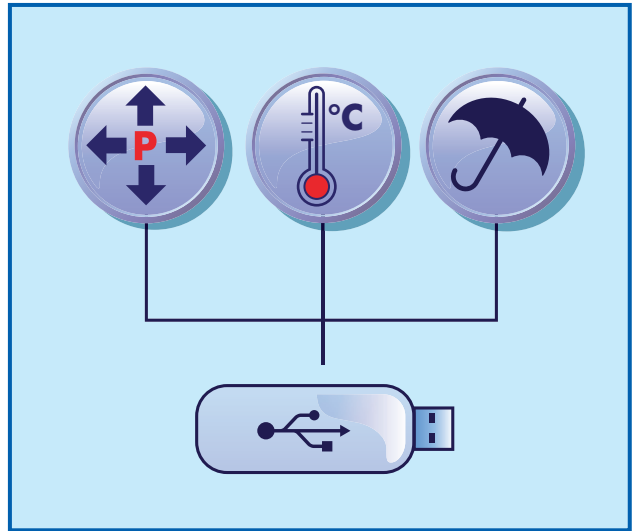
Easily removable front for equipment transfer and thorough cleaning



15cm Letterbox - Ideal for introducing individual samples quickly.



Optional internal country-specific mains power sockets.



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



Intuitive operational software accessed via a full colour touch screen interface



Basket Tag Set

Whitley A35 Anaerobic Workstation fitted with the Instant Access Porthole System

The integral 12 litre, rapid-cycle airlock has the capacity to introduce up to 40 Petri dishes or small items of equipment into the workstation in 60 seconds.

An optional 15cm letterbox can be specified, ideal for quickly transferring all sizes of dishes and small items.



Factory-Fitted Options

A06121 Removable Front - Permits thorough cleaning and sanitising and enables users to introduce or remove items of equipment or bulk quantities of samples quickly and easily. Recommissioning after replacement takes less than one hour.

A06103 15cm Letterbox - Ideal for quickly introducing small quantities of samples.

A06106 Double Internal 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.

A07201 Anaerobic Indicator System (includes data logging) - Provides confirmation that anaerobic conditions exist inside the workstation and an early indication if conditions begin to vary.

Software/Accessories

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

A06110 Trolley - Custom-designed trolley frees up bench space and allows the workstation to be moved easily.

A06114 Internal Storage Tray / maximum of 2 per unit - One or two trays can be positioned under the shelf. This is either a factory-fitted option or trays can be fitted on-site.

A00006 Gas Leak Detector

A02750 Basket Tag Set - Enables users to colour code individual stacks of Petri dishes. Notes can be written on the reuseable tags using either water soluble or permanent markers.

A02534 10 Plate Petri Dish Rack

A35 Instant Access Portholes - just three easy steps to use



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

Another major advantage of the sleeveless system is that it uses eight times less gas when entering the workstation compared with a conventional porthole system. The airlock is flushed with nitrogen as an additional cost-saving.

The A35 is also now available with a fully integrated Anaerobic Indicator System. This factory-fitted option displays real time oxygen levels using coloured segments - green, amber or red - depending upon the percentage of oxygen present. The data gathered can be downloaded for further analysis.

Whatever your application, we can tailor the Whitley A35 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 double electrical socket. If you require the ability to thoroughly sanitise your workstation between experiments or need to introduce large items of equipment, you may want to specify the optional removable front.

The A35 Workstation will accommodate between 400-600 x 90mm Petri dishes depending on whether plate carriers are used and which accessories and system options have been incorporated.

Specification

A07000	230V	Whitley A35 Anaerobic Workstation External dimensions (L x H x D) 1255mm x 710mm x 720mm (without removable front)
A07001	115V	



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