



Whitley Workstations Whitley A55 Anaerobic Workstation

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**For an efficient workflow solution -
double your workspace with an airlock at both ends of the workstation.**

With a chamber size twice the width of an A35 Workstation, the A55 has a huge working and incubation area. Each airlock has a capacity of 40 x 90mm Petri dishes and samples can be introduced and removed at either end of the workstation creating a natural, Lean rhythm for your laboratory workflow.

A removable front is fitted to the right hand side of the workstation for the convenient transfer of bulk samples and larger pieces of equipment for use inside the workstation. The product can be fitted with four porthole configurations. Four instant access ports can be fitted, allowing quick and easy access to the chamber by two users at the same time. Alternatively, conventional oval, sleeved ports can be specified throughout, or x2 oval and x2 instant access ports can be ordered.

The system is also available with a fully integrated Anaerobic Conditions Monitor, which displays real time oxygen levels using a coloured segment system. This fully integrated system alerts you immediately should there be any likelihood of the loss of anaerobic conditions.

- Real time monitoring so no more waiting 24 hours for control organisms
- Minimise the need for repeat sampling if conditions are compromised
- In clinical applications helps reduce duration of patient hospital stays
- A very efficient system that saves time and money.

With a maintenance-free dehumidification system, dual gas operation and Ethernet capability, this is a truly modern workstation for the busy microbiology laboratory.

Sample manipulation within a secure anaerobic environment is now as easy as working aerobically at the laboratory bench.

A huge capacity workstation with two rapid, efficient airlocks that can be operated simultaneously

Patented Instant Access Porthole System eliminating the need for sleeves and using eight times less gas than conventional porthole systems

Removable front and bespoke trolley supplied as standard

Innovative, full colour touchscreen control panel with PIN code protected user levels

Dual gas operation for real savings on gas usage

Comfortable to work in with excellent visibility

Maintenance-free dehumidification system

Optional dual temperature version

Optional Anaerobic Conditions Monitor

Extensive range of other options to tailor the system to suit your requirements



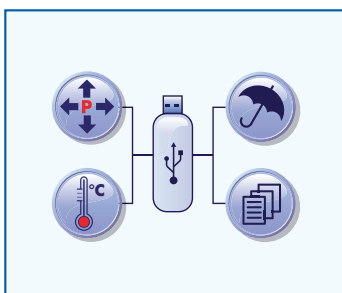
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Intuitive operational software accessed via a full colour touch screen interface



Easily removable front for equipment and bulk sample transfer and thorough cleaning



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



Optional 9cm Letterbox - Ideal for introducing individual samples quickly

Dual Temperature Option

With a comprehensive range of options and accessories, we can tailor the A55 Workstation to your particular application. For example, if you want to be able to operate your workstation with two different temperature levels, specify the dual temperature option. This provides a central divider between the workstation chambers allowing you to select different temperatures for each side. A manually operated sliding door between the two chambers allows samples to be passed from one area into the other.

The A55 can be used as a microaerophilic workstation simply by connecting a cylinder of the required pre-mixed gas. Using Don Whitley Scientific designed plate carriers, the A55 Workstation can accommodate up to 1,400 x 90mm Petri dishes.

Intuitive operational software accessed via a full colour touch screen interface

The A55 incorporates an intuitive, full colour touchscreen, which makes it easy to set and monitor all working parameters. The system features an events log, so you can monitor workstation parameters over time, and an automatic commissioning cycle to make it easy for you to get the workstation up and running again after any periods of shutdown. The touchscreen version shown above left (A) is a A55 Dual Temperature Workstation.

Efficient working methods

The A55 Workstation allows you to be more organised in the way plates are introduced into the workstation, marshalled throughout the incubation cycle, checked for growth, and removed. Consider this example of using an A55 with oval ports on the right side and instant access ports on the left:

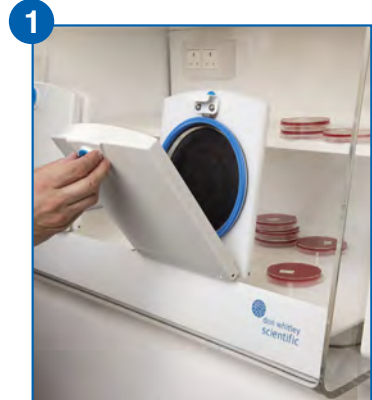
40 plates are ready to incubate following a busy period in the laboratory. With the A55 this number of plates can be introduced in 60 seconds. When you need to work on the samples, you can use the sleeved ports to enter the chamber and work comfortably, with excellent visibility. Prepared plates can be moved down the chamber or placed on the shelf for incubation. To check the plates on a regular basis, you can use the Instant Access Porthole System on the left side of the workstation to quickly reach in, select a plate and perform a visual check. No need to gas the sleeves, no extra gas required and a real time saver! At the end of the incubation cycle, as plates have been moved down the workstation when new samples are introduced, the operator can remove the fully incubated plates from the left hand airlock – even whilst new plates are being introduced using the right hand airlock.

The Whitley A55 Anaerobic Workstation - Instant Access Porthole System or Conventional Oval Ports

The 2x integral 12 litre, rapid-cycle airlocks each have the capacity to introduce up to 40 Petri dishes or small items of equipment into the workstation in 60 seconds.

An optional, front-mounted 9cm letterbox can be specified, ideal for transferring Petri dishes and small items quickly.

The A55 is available with conventional, oval, sleeved ports, 4 instant access ports or a mixture of x2 oval and x2 instant access ports. The porthole configuration must be specified at the time of order.



Factory-Fitted Options

<p>A07201 Anaerobic Conditions Monitor (includes data logging) Provides confirmation that good anaerobic conditions exist inside the workstation and an early indication if conditions begin to vary.</p>
<p>A07208 Singe Plate Entry System (on the front of the left hand side) 9cm Ideal for introducing small quantities of samples quickly.</p>
<p>A06106 Double Internal Socket - (1 Amp maximum)</p>
<p>A07200 Data Logging - For temperature, humidity and chamber pressure.</p>
<p>A07214 Dual Temperature To enable different temperatures to be set in each half of the workstation chamber.</p>

Accessories

<p>A02534 10 Plate Petri Dish Rack</p>
<p>A03872 10 Plate Petri Dish Rack Coloured Label Set 140 write-on, wipe-off labels in 7 different colours</p>
<p>A02129 Anotox™ Sachet</p>
<p>A03120 Catalyst Recharge</p>
<p>A04519 Rubber Porthole Membrane Replacement rubber seal - only required if Instant Access Ports are fitted</p>

Specification

A07700	230V	Whitley A55 Anaerobic Workstation (4 x Instant Access Ports) External dimensions (L x H x D) 2510mm x 710mm x 720mm
A07701	115V	

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