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excellence in microbiology

Whitley Workstations Whitley Variable Atmosphere Workstations



Whitley VA Workstations are used for the isolation of microaerophiles from food, water and medical samples

Whitley Workstations represent an innovative approach to workstation design and provide supreme operator comfort in use

The introduction of the Whitley Workstation is a direct result of Don Whitley Scientific's philosophy of listening and responding to customers.

A single type of workstation cannot satisfy every user requirement, so these workstations are modular and upgradeable, offering a completely unrivalled level of flexibility – you can specify a system tailored to meet your individual requirements.

Every aspect of system functionality is thoroughly considered – size, shape, proportions, internal dimensions, control panel layout, viewing panel and multi-functional port system – all designed to ensure maximum user efficiency and convenience.

The benefits of Whitley VA Workstations

Choose from two chamber sizes to suit your sample throughput levels and laboratory requirements



The MG500 accommodates 540 x 90mm plates and provides a generous working area



The MG1000 accommodates 1080 x 90mm plates and provides a generous working area

With more systems constantly under development we are continuing to strengthen our established lead in anaerobic workstation design

Modular, upgradeable design ensures your capital investment is protected

The Whitley Variable Atmosphere Workstations are primarily for the study and isolation of microaerophilic organisms including *Campylobacter* spp, *Helicobacter pylori* and other similarly fastidious organisms.

Up to four gases – nitrogen, carbon dioxide, air and a 10% hydrogen/90% nitrogen mix – can be combined within safe and varying ratios to provide a specific atmosphere. A microprocessor controls and maintains the selected mixture.

Each porthole is oval in shape for maximum comfort in use and, uniquely, provides a means of both sample transfer and operator entry and exit. The portholes can be used as mini airlocks to transfer up to 40 x 90mm dishes at the same time as an operator's arms are inserted or withdrawn from the workstation.

The portholes are opened using a wireless footswitch and an automated mechanism provides a gas-tight seal after closing.

Excellent illumination is provided within the chamber, the intensity of which is adjustable by the operator.

All internal fittings have been designed to make intelligent use of the available space, whilst ensuring unimpeded arm movement.

Our world-class range of anaerobic and variable atmosphere workstations was selected within the first round of the Millennium Products award scheme. Selected equipment was awarded this prestigious prize to promote innovation through new products and services created in Britain for the millennium.



Whitley Workstation chambers are constructed primarily from acrylic sheet, offering excellent optical, insulative and corrosion-resistant properties.

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

Workstation and airlock features

Multi-functional porthole system used for both operator entry and sample transfer

Automated humidity control system with no user maintenance necessary

Low running-costs

Bare hands working – latex-free sleeves available

Dual intensity lighting

Bespoke trolley available

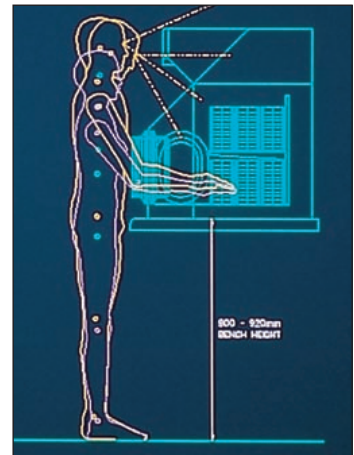
Most routine servicing is carried out whilst internal atmospheric conditions are maintained, avoiding down-time in busy laboratories

An airlock can be incorporated either when building a workstation or as an upgrade module to add to an existing Whitley VA workstation

A pull-out tray permits easy transfer of samples from laboratory to workstation



Multi-functional porthole system with latex-free sleeve option



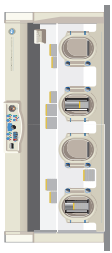
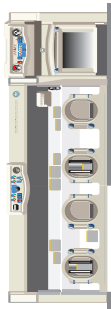


Careful attention to ergonomic design considerations ensures user comfort



With an airlock, a pull-out tray permits easy transfer of samples from laboratory to workstation

Whitley Variable Atmosphere Workstation System Variations

Multi functional porthole system	Incubation capacity	Physical dimensions	Weight	Gas requirements	Automated humidity control	Wireless footswitch
 <p>Up to 20 plates per porthole with gas flush facility</p>	<p>Maximum 540 plates</p>	<p>1040mm L 800mm H 760mm D <i>Bench depth requirement</i></p>	<p>110kg</p>	<p>Up to 4 separate cylinders: H₂/N₂, CO₂, N₂, Air</p>	<p>✓</p>	<p>✓</p>
 <p>Up to 20 plates per porthole with gas flush facility</p>	<p>Maximum 450 plates</p>	<p>1570mm L 840mm H 760mm D <i>Bench depth requirement</i></p>	<p>165kg</p>	<p>Up to 4 separate cylinders: H₂/N₂, CO₂, N₂, Air</p>	<p>✓</p>	<p>✓</p>
 <p>Up to 20 plates per porthole with gas flush facility</p>	<p>Maximum 1080 plates</p>	<p>1885mm L 840mm H 760mm D <i>Bench depth requirement</i></p>	<p>185kg</p>	<p>Up to 4 separate cylinders: H₂/N₂, CO₂, N₂, Air</p>	<p>✓</p>	<p>✓</p>
 <p>Up to 20 plates per porthole with gas flush facility</p>	<p>Maximum 990 plates</p>	<p>2415mm L 840mm H 760mm D <i>Bench depth requirement</i></p>	<p>240kg</p>	<p>Up to 4 separate cylinders: H₂/N₂, CO₂, N₂, Air</p>	<p>✓</p>	<p>✓</p>

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