IMPORTANT INFORMATION TO READ and RETURN

Installation Requirements for a Whitley A45 Anaerobic Workstation

Thank you for choosing one of our products for your laboratory. To enable our engineers to perform an efficient, trouble-free installation please study, complete and email this form to us on **service@dwscientific.co.uk**. Should you have any questions, please do not hesitate to contact us, as we are here to help. When we have received the completed form, our Service Department will contact you to arrange a mutually convenient installation date.

The following information represents the ideal requirement.
Please contact us IMMEDIATELY if your intended location does not match this specification.

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Access Requirements

For access, the dimensions below should be taken into account when checking the size of doorways, lifts, stairs, etc. ☐

Space Requirements

The weight of the equipment is 130kg (or 150kg if fitted with the Whitley HEPA Filtration System). If bench mounted, the bench allocated must be flat, level and of sufficient size to support the base fully.

External Dimensions*

Width (mm)	Depth (mm)	Height (mm)
1660	720 (or 810 if HEPA option fitted)	710

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* Please Note:
In addition to the dimensions noted above, allow a localised protrusion of 90mm at rear to accommodate condenser bottle, bracket, gas and electrical supplies. If benchmounted, a further minimum clearance of 500mm is required above the unit and a minimum clearance of 500mm at the right hand side of the unit is required for user/service access.

Gas Requirements

The incoming gas supplies must be terminated near the right hand side of the main chamber and fitted with leak-proof taps and pressure gauges.

The gas lines to which the equipment is attached are the responsibility of the user and should be constructed, tested and maintained to the standards specified within the British Compressed Gasses Association (BCGA) Code of Practice CP4 (or international equivalent). Gas lines previously used for flammable gases must be purged prior to re-use.

Regulators should be fitted in accordance with the information contained in the table below and the various pressures strictly adhered to.

Gas Type	Connection Details	Cylinder Regulator Required	Regulator Outlet Range	Flow Rate (IAPS)
Anaerobic Gas Mix	¼" BSP male fitting or connection for 6mm Polyurethane tubing Hydrogen/Anaerobic Gas Mixture Regulator – Two Stage – order Code **A01745**	Two stage	4 - 6 bar (60-90 psi)	40 litres per minute (dynamic)
Nitrogen	¼" BSP male fitting or connection for 8mm Polyurethane tubing Nitrogen Regulator – Two Stage – order Code **A01748**	Two Stage	4 - 6 bar (60-90 psi)	Minimum 100 litres per minute (dynamic)

Note: If the instrument is to be connected to a single cylinder of anaerobic gas mixture only, then this must be capable of delivering 100 litres/minute (Instant Access Port System). ☐

Connection Type



Push in connection ☐

OR



Push on connection ☐

Mains Requirements

Electricity Supply	***Wall Socket***
240 Volts	1 x Three Pin, 13 Amp. Minimum 6A rating

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Other Considerations ☐

Although the workstation should be located in a well ventilated area, avoid close proximity to air conditioning systems and draughts caused by windows and doors.

Remember, if you do not have the required regulators you can order them from Don Whitley Scientific::

- Hydrogen/Anaerobic Gas Mixture Regulator – Two Stage – order Code **A1745**
- Nitrogen Regulator – Two Stage – order Code **A01748**

Notes ☐ ☐

If an existing unit is being taken in part exchange or is being removed from the laboratory, it must be de-contaminated before DWS staff handle the unit. A certificate or signed letter confirming the unit has been decontaminated must be given to our engineer.

In the UK, delivery and installation are free of charge (unless otherwise agreed). If our engineers are unable to install the unit and a return journey is necessary, **a charge may be made**. Export customers, please refer to your local distributor.

It is essential that this form is completed and returned, to avoid delay to your installation.

THANK YOU FOR THINKING WHITLEY

Signature		**Title**	
Print Name		**Establishment**	