IMPORTANT INFORMATION TO READ and RETURN

Installation Requirements for a Whitley A155 HEPA 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 at **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

Please note that this product is **wider than a standard door** so please ensure that you consider access carefully. ☐

Space Requirements

The weight of the equipment is 350kg. This workstation comes complete with a bespoke trolley. Please ensure that sufficient floor space is allocated. If you wish to locate the workstation on a bench, please contact us to discuss the implications.

External Dimensions*

Width mm	Depth mm	Height mm	Height (mm) Including Trolley
2875	1056	1063	1911

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* Please Note:
If the **Refrigeration System** is fitted, please allow a clearance of 770mm behind the workstation. If the **Heat Removal System** Is fitted, please allow a clearance of 600mm behind the workstation. Some of this clearance is necessary for air circulation.

The A155 will be shipped in two parts (left hand workstation and right-hand workstation) to facilitate delivery to your laboratory (negotiating lifts, corridors, doorways, etc). Each half of the workstation measures 1437.5mm wide x 1056mm deep x 1063mm high.

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
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 150 litres per minute (dynamic)

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Note: If the instrument is to be connected to a single cylinder of anaerobic gas mixture only, then this must be capable of delivering 150 litres/minutes (sleeved ports) or 100 litres/minute (Instant Access Port).

**(10% H2, 10% CO2 and 80% N2 preferred). If 5% H2 is required, please refer to Technical Note MA105 for details.

Suitable Connection Types (to affix to gas outlets on bottle/wall):

Push in connection
(Fittings of choice for DWS. Supplied with DWS spares kit).

OR

Push on connection
(Customers' own preference. Not supplied by DWS).

Mains Requirements

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

Other Considerations

Although the workstation should be located in a well-ventilated area, avoid 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 **A01745**
- Nitrogen Regulator – Two Stage – order Code **A01748**

Decontamination and Removal

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.

There is a £400 fee for DWS to remove an existing unit from site. Please tick to accept this charge and an invoice will be provided.

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 should please refer to their 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**	