

## IMPORTANT INFORMATION TO READ and RETURN

### Installation Requirements for a Whitley A95TG 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.**



#### 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 230kg. If bench mounted, the bench allocated must be flat, level and of sufficient size to support the base fully.

#### External Dimensions\*

Width	Depth	Height
mm	mm	mm
2415	730	840

\* Please Note: In addition to the dimensions noted above, allow a localised protrusion of 90mm at rear of airlock to accommodate the gas supplies. If bench mounted, a further minimum clearance of 500mm is required above the unit and a minimum clearance of 200mm at the left-hand side of the unit is required for user/service access.

The A95TG will be shipped in two parts (the airlock separated from the chamber) to facilitate delivery to your laboratory (negotiating lifts, corridors, doorways, etc). The chamber assembly is 1800mm wide, 730mm deep and 810mm high. The chamber assembly height could be reduced by a further 218mm if the top box is removed. The airlock is 530mm wide, 520mm deep and 840mm 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 that follows and the various pressures strictly adhered to. Three cylinders are required: one cylinder of hydrogen, one cylinder of oxygen free nitrogen and one cylinder of carbon dioxide.

Gas Type	Connection Details	Cylinder Regulator Required	Regulator Outlet Range	Flow Rate
Hydrogen	Stainless Steel hose provided. 3/8" BSP LH thread male regulator fitting  Hydrogen/Anaerobic Gas Mixture Regulator – Two Stage – order Code <b>A01745</b>	Two Stage	4 – 6 bar (60-90 psi)	Not critical

Continued overleaf/...

Gas Type	Connection Details	Cylinder Regulator Required	Regulator Outlet Range	Flow Rate
Nitrogen	¼" BSP male fitting or connection for 8mm Nylon tubing  Nitrogen Regulator – Two Stage – order Code <b>A01748</b>	Two Stage	4 - 6 bar (60-90 psi)	150 litres per minute
CO <sub>2</sub>	¼" BSP male fitting or connection for 6mm Nylon tubing  CO <sub>2</sub> regulator - Two Stage – order Code <b>A01747</b>	Two stage	4 - 6 bar (60 - 90 psi)	10 litres per minute

**Suitable Connection Types for N<sub>2</sub> and CO<sub>2</sub> (to affix to gas outlets on bottle/wall):**



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



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

**Mains Requirements**

**Electricity Supply**

230 V +/- 10% AC

**Wall Socket**

1 x Three Pin, 13 Amp

**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 **A01745**
- Nitrogen Regulator – Two Stage – order Code **A1748**
- CO<sub>2</sub> Regulator – Two Stage – order Code **A01747**

**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, 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