

## IMPORTANT INFORMATION TO READ and RETURN

### Installation Requirements for a Whitley DG250 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 fax this form to us on **01274 531197**. Should you have any questions, please do not hesitate to contact us on 01274 595728. 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

The unit is designed to fit through a door opening of 700mm (27.5") but check size of lifts, stairs etc.

#### Space Requirements

The equipment weighs 64kg (141lbs). If bench mounted, the bench allocated must be flat, level and of sufficient size and strength to support the base fully.

Depth	Length	Height
760mm (30")	810mm (32")	635mm (25")

#### Gas Requirements

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

**Supply:** Incoming gas supplies must be terminated within 2 metres of the chamber and fitted with a leak-proof tap. If any other gases are connected to the nitrogen line, they must still be capable of a flow rate of 150 litres/min.

**Regulators:** Regulators must be fitted in accordance with the information contained in the table below with pressures strictly adhered to.

**Cylinders:** For conventional anaerobic conditions, two cylinders are required, a cylinder of anaerobic gas mixture (ANO<sub>2</sub>), containing 10% hydrogen, 10% CO<sub>2</sub> and 80% nitrogen and also a cylinder of oxygen-free nitrogen (for gassing the sleeves). It is possible to use the ANO<sub>2</sub> gas cylinder for gassing the sleeves, eliminating the need for the N<sub>2</sub> cylinder.

Gas Type	Connection Details	Cylinder Regulator Required	Regulator Outlet Range	Flow Rate
ANO <sub>2</sub>	¼ BSP male / female or connection for 6mm Nylon Tubing  Hydrogen/Anaerobic Gas Mixture Regulator – Two Stage – order Code <b>A01745</b>	Hydrogen Two Stage	3-5 bar (45-75 psi)	25 litres / minute
Nitrogen	¼ BSP male / female or connection for 6mm Nylon Tubing  Nitrogen Regulator – Two Stage – order Code <b>A01748</b>	Nitrogen Two Stage	3-5 bar (45-75 psi)	150 litres / minute

**Mains Electrical Requirements**

230 V +/-10% AC, Single Phase

1 x Three pin socket, 13 Amp

**Other Considerations**

**Positioning:** The workstation should be located in a well ventilated area but avoid close proximity to air conditioning systems, windows and doors that might cause draughts.

**Regulators:** 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**

**Removal of existing units:** If an existing workstation is being taken in part exchange or is being removed from the laboratory by DWS personnel, it must be accompanied by a signed declaration confirming that it has been thoroughly decontaminated.

**Commissioning:** You should make provision for extra gas to be available during the commissioning of your workstation.

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