

IMPORTANT INFORMATION TO READ and RETURN

Installation Requirements for a Whitley i2 Instrument 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.**



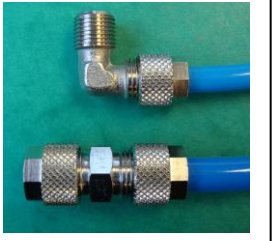
<p>Access Requirements</p> <p>For access, the dimensions below should be taken into account when checking the size of doorways, lifts, stairs, etc. This is a trolley mounted workstation. <input type="checkbox"/></p>															
<p>Space Requirements</p> <p>The weight of the equipment is approximately 130kg.</p> <p>External Dimensions*</p> <table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <thead> <tr> <th style="padding: 5px;">Width</th> <th style="padding: 5px;">Depth</th> <th style="padding: 5px;">Height</th> </tr> </thead> <tbody> <tr> <td style="padding: 5px;"><i>mm</i></td> <td style="padding: 5px;"><i>mm</i></td> <td style="padding: 5px;"><i>mm</i></td> </tr> <tr> <td style="padding: 5px;">1702</td> <td style="padding: 5px;">825</td> <td style="padding: 5px;">1863</td> </tr> </tbody> </table> <p style="text-align: right; margin-top: 10px;"><input type="checkbox"/></p> <p>An area of approximately 800mm is required at the left-hand side of the workstation for engineer access. Includes height of trolley. * If this workstation is being combined with any other Whitley Hypoxystation, please consult with DWS personnel.</p>	Width	Depth	Height	<i>mm</i>	<i>mm</i>	<i>mm</i>	1702	825	1863						
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<p>Gas Requirements</p> <p>The incoming gas supplies must be terminated near the left-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.</p> <p>Regulators should be fitted in accordance with the information contained in the table below and the various pressures strictly adhered to.</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="padding: 5px;">Gas Type</th> <th style="padding: 5px;">Connection Details</th> <th style="padding: 5px;">Cylinder Regulator Required</th> <th style="padding: 5px;">Regulator Outlet Range</th> <th style="padding: 5px;">Flow Rate</th> </tr> </thead> <tbody> <tr> <td style="padding: 5px; text-align: center;">Air</td> <td style="padding: 5px;">¼ BSP male fitting or connection for 6mm Polyurethane Tubing Air Regulator – Two Stage – order Code – A01554</td> <td style="padding: 5px; text-align: center;">Two Stage</td> <td style="padding: 5px; text-align: center;">4-6 bar (60-90 psi)</td> <td style="padding: 5px; text-align: center;">Minimum 10 litres per minute (Dynamic)</td> </tr> <tr> <td style="padding: 5px; text-align: center;">Nitrogen</td> <td style="padding: 5px;">¼ BSP male fitting or connection for 8mm Polyurethane Tubing Nitrogen Regulator – Two Stage – order Code A01748</td> <td style="padding: 5px; text-align: center;">Two Stage</td> <td style="padding: 5px; text-align: center;">4-6 bar (60-90 psi)</td> <td style="padding: 5px; text-align: center;">Minimum 150 litres per minute (Dynamic)</td> </tr> </tbody> </table> <p style="text-align: right; margin-top: 10px;"><input type="checkbox"/></p>	Gas Type	Connection Details	Cylinder Regulator Required	Regulator Outlet Range	Flow Rate	Air	¼ BSP male fitting or connection for 6mm Polyurethane Tubing Air Regulator – Two Stage – order Code – A01554	Two Stage	4-6 bar (60-90 psi)	Minimum 10 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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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)											

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

240 volts

Wall Socket

2 x Three Pin, 13 Amp. Minimum 6A rating (1 x workstation + 1 internal sockets)

Other Considerations

Do not site the instrument near draughts caused by windows, doors, or air conditioning systems

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

- Air Regulator – Two Stage – order Code **A01554**
- 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 being handled by DWS staff.

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