

ISOLATOR CABINETS

Ask for a
Quotation



XXX - XXX

- Air Change Rates: main work area: 2400 times/hour and transfer hatches: 1800 times/hour.
- 300mm glove ports at ergonomically recommended centres of 460mm for maximum operator mobility.
- Larger models available for specialised applications.

We're Scotland's leading scientific calibration, maintenance and validation company providing engineering support and consultation to a variety of organisations. Based in Livingston, we see your business as our business, helping our clients maintain their research platforms, adhere to accreditation standards and provide maintenance & support on temperature controlled equipment, centrifuges and more.

Accredited to ISO 9001, ISO 17025 & ISO 14001 as well as adhering to FDA and MHRA standards we consider ourselves your one stop shop for instrument servicing, repair and replacement of laboratory equipment.

Our team of engineers are trained to the highest level to deliver our wide range of technical services. We provide a call out service and welcome your enquiries by telephone or email. Get in touch to learn more about how we can service and support your laboratory operations. As well as how we can consult with you to address any issues or regulatory requirements you may have.

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Overview

Rigid Isolators to provide EC GMP Grade A clean air environment in: Negative pressure mode: Safe aseptic handling of hazardous materials e.g. cytotoxics and other hazardous medical products. Positive pressure mode: Safe aseptic handling of pharmaceutical products, TPN compounding, IV preparations, CIVAS and other pharmacy applications.

Features

Wipe clean membrane facia with cabinet ON/OFF, lighting and alarm mute functions. Airflow meter with red/green indication. Individual digital pressure gauges for main workzone and both hatches.

Options

- Carbon exhaust filters.
- Electrically operated height adjustable support frame.
- Service taps (vacuum, lab gasses etc).
- Hanging Rail.
- CCTV monitoring and recording systems.
- Formalin vapouriser.

Specifications

Variable	Value
Air change rates in main work area	2400 times / hour
Air change rates in transfer hatch area	1800 times / hour
Work area positive pressure	+100 +/- 10-Pa
Work area negative pressure	-100 +/- 10-Pa
Transfer hatch positive pressure	+30 +/- 10Pa
Transfer hatch negative pressure	-30 +/- 10Pa
Duct size	160mm
2 glove isolator weight	380kgs
4 glove isolator weight	450kgs
Internal sockets	2 (in main work area)
Alarms	Low Inflow Downflow Open front screen
Lighting level	750 lux at worksurface
Noise level, 2 glove model	54dBa at 1m
Noise level, 4 glove model	56dBa at 1m
Electrical supply	230V/50Hz/single phase
Electrical load, 2 glove	Positive 0.75kW Negative 1.05kW
Electrical load, 4 glove	Postive 1.1kW Negative 1.45kW