

# LAMINAR FLOW SAFETY CABINETS

Ask for a  
Quotation



XXX - XXX

- Multi Purpose Clean Air Workstation designed to provide better than Class F (BS 5295) Class 100 (Federal Standard 209E) and BSEN 14644 (Class 3, 4 & 5) air quality in working zone.
- Horizontal & Vertical laminar flow paths.

**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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#### **Applications**

- General and routine hospital pharmacy operations including preparation of IV and TPN bags.
- Laboratory tissue culture work where sterility of the work is essential.
- Pharmaceutical handling of liquids or powders where sterility is essential but the operation presents no hazard to the operator.
- Manufacture and assembly of micro-electronic components in a sterile environment

#### **Features**

- Designed to produce better than Class 5 Cleanliness Conditions to BS EN ISO 14644:1999.
- HEPA filtration to H-14, 99.995% MPPS efficiency equal to 99.999% DOP efficiency (EN 1822-1).
- Latest EC energy efficient fans providing maximum performance with minimal energy use.
- Ultra low energy LED lighting housed behind an opal diffuser providing lighting levels >750 Lux.
- Body manufactured using premium quality mild steel with fully welded or sealed joints.
- All internal and external surfaces white powder coated finish RAL 9016.
- Worksurface manufactured in grade 316 Standard compliance to BSEN 14644 Class 3, 4 or 5 EC GMP Grade A Class F to BS 5295 Class 100 (Federal Standard 209E) stainless steel, welded with a minimum 240S polished finish.
- Noise levels <60 dBA.
- Clear toughened glass side screens for maximum working visibility.
- Pre-filter panel located in top panel and accessed from front.
- Unidirectional airflow providing sterile working conditions almost immediately on start up.
- Natural Gas Solenoid (optional feature).
- Main controls are mounted behind the membrane on the rear of the front hinged panel incorporating main PCB control panel including accurate airflow sensors.
- Blue back lit LCD screen provides at a glance cabinet status including HEPA filter pressure, positioned directly above the main working area for easy access.
- DOP Test Ports are provided for smoke injection during routine testing.
- Variable speed fans to maximise filter lifetime.
- Wide range of available sizes.
- Larger models available for specialised applications.