

# CLASS 1 SAFETY CABINETS

Ask for a  
Quotation



XXX - XXX

- TFT screen showing airflow & alarm conditions.
- 2 mm grade 316L stainless steel with a white polyester finish (RAL 9010), wipe clean membrane.
- Simple to use, quiet operation & efficient.
- Wide range of accessories & options available.

**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.

**UK Head Office**  
1 Brewster Sq  
Brucefield Industrial Estate  
Livingston  
West Lothian  
EH54 9BJ

**Tel:** 01506 463 734  
**Email:** info@cmscientific.co.uk  
**Web:** www.cmscientific.co.uk

BioMAT1 Microbiological Safety Cabinets are manufactured in 2mm mild steel with a 316L grade stainless steel work surface fully welded and finished in "traffic white" RAL9016 powder coat paint. The wipe clean control membrane provides ON/OFF cabinet control, internal lighting and audible and visual alarms for low/ high airflow with mute function. A full colour TFT screen displays airflow diagram and alarm conditions plus clock function and programmable UV light timer. 2No 13A sockets are provided as standard within the main working area.

### Models Types

- Ducted type: With exhaust module incorporating single HEPA filter and integral anti blow back damper.
- Recirculation type: With exhaust module incorporating double HEPA filters and vertical discharge grille for return air.
- Robotics Class 1: Large cabinet designed to house automated systems fully compliant with BS EN 12469:2000.
- Class I/III hybrid type: With gloveport closure panel to allow high hazard work under negative pressure.
- Double sided: Cabinets to allow access from both sides.
- TriMAT: Onboard bypass exhaust system to maintain constant exhaust volumes regardless of cabinet operation, designed for use within containment labs.

### Options

- Support frame with levelling feet or lockable castors.
- Fail-safe gas valves.
- Service taps (vacuum, lab gasses etc).
- 100% sealable night door.
- UV germicidal lighting (interlocked).
- Polished grade 316L stainless steel work surface.
- Formalin vapouriser (available for recirculation models).
- VHP inlet and outlet ports for H2O2 generator.

### Specifications

Model	1200mm	1500mm	1800mm
<b>Exhaust Airflow</b>	0.13m3/sec	0.18m3/sec	0.22m3/sec
<b>Duct Size</b>	160mm	200mm	200mm
<b>Weight</b>	110kg	170kg	200kg
<b>EnergyConsumption</b>	0.45kW *	0.75kW *	0.80kW *
<b>Electric Supply</b>	230V/50Hz/1Ph	230V/50Hz/1Ph	230V/50Hz/1Ph
<b>Noise Level</b>	>65dB	>65dB	>65dB
<b>Lighting Level</b>	>750 Lux	>750 Lux	>750 Lux

\* Nominal figure shown for electrical load, this may vary dependant on exhaust fan selected.