

Summary Specifications

	Class I ABS Cabinet	Class II Peroxide ABS Cabinet	Class III/I ABS Cabinet
Glass working height	200mm	200mm	200mm (Class I mode)
Front screen	Laminated glass	Laminated glass	Polycarbonate
Inner liner	Crevice free 316 stainless steel	Crevice free 316 stainless steel	Crevice free 316 stainless steel
Work area	316 Stainless Steel	Recessed stainless steel tray	Recessed 316 stainless steel
Construction	Mild steel with powder coating	Mild steel with powder coating	Mild steel with powder coating
Lighting	800 lux at work surface	800 lux at work surface	800 lux at work surface
Filters	99.999% HEPA	99.999% HEPA	99.999% HEPA
Electrical supply	230v/50Hz single phase (other voltages available)	230v/50Hz single phase (other voltages available)	230v/50Hz single phase (other voltages available)
Internal Widths	1.0m, 1.2m, 1.5m	1.0m, 1.2m, 1.5m, 1.8m	1.0m, 1.2m

Accessories	RHS Utility Pack *economy pack* (double electric socket, gas, vacuum)	RHS Utility Pack *economy pack* (double electric socket, gas, vacuum)	
	Double Electric Socket RHS Gas Tap RHS Vacuum Tap RHS Portable UV - UV Socket Volt Free Contacts Formalin Vaporiser LHS Remote Fan Duct Kits Remote Switching Facility Stand (castors or feet)	Double Electric Socket RHS Gas Tap RHS Vacuum Tap RHS Portable UV - UV Socket Volt Free Contacts Formalin Vaporiser LHS Remote Fan Duct Kits Remote Switching Facility Stand (castors or feet)	Single Electric Socket RHS Gas Tap RHS Vacuum Tap RHS Volt Free Contacts Formalin Vaporiser RHS Remote Fan Kit Duct Kits Remote Switching Facility Stand

	Horizontal Laminar Flow	Vertical Laminar Flow	Omni PCR
Glass working height	---	200mm	---
Front screen	---	Laminated glass	Polycarbonate
Inner liner	---	Crevice free 316 stainless steel	Stainless Steel
Work area	316 stainless steel	Recessed 316 stainless steel	Recessed 316 stainless steel tray
Construction	Epoxy coated mild steel	Mild steel with powder coating	Epoxy coated mild steel
Lighting	800 lux at work surface	800 lux at work surface	1 x 15w (2 x 15w UV)
Filters	99.999% HEPA	99.999% HEPA	99.999% HEPA
Electrical supply	230v/50Hz single phase (other voltages available)	230v/50Hz single phase (other voltages available)	230v/50Hz single phase (other voltages available)
Internal Widths	0.9m, 1.2m, 1.8m	1.2m, 1.8m	0.6m

Accessories	RHS Utility Pack *economy pack* (double electric socket, gas, vacuum)
Double Electric Socket Gas Tap Vacuum Tap Magnehelic Gauge Portable UV - UV Socket Night Door Assembly Stand (castors or feet)	Double Electric Socket RHS Gas Tap RHS Vacuum Tap RHS Portable UV - UV Socket Flexi Duct Stand (castors or feet)

Continuous Service Support

As a solutions provider, BIOQUELL offers you comprehensive sales and service support before, during and after your purchase via our team of Area Managers and Service Engineers. Our technical expertise is available for help with selecting the right cabinet model for your application and our expanding in-house sales and service teams can provide assistance with:

- Technical queries
- Commissioning, calibration, validation
- Service contracts
- Bio-decontamination using H₂O₂ or formaldehyde (non BIOQUELL cabinets subject to site survey)
- Emergency work and repairs
- Spares



BIOQUELL (UK) Ltd
Walworth Road, Andover, Hampshire
SP10 5AA, United Kingdom

BIOQUELL Sales 0800 220 700
BIOQUELL Service 0800 527 800

t +44 (0)1264 835 835
f +44 (0)1264 835 917
e enquiries@bioquell.com
w www.bioquell.com

Bio-decontamination and Containment Solutions

- Advanced Biological Safety Cabinets
- Clean Air Workstations
- HEPA Filtration technology



MICROFLOW ADVANCED BIOLOGICAL SAFETY CABINETS

Designed with safety and efficiency in mind, these versatile cabinets offer user-friendly features and dependable control systems. All units have been tested to BS5726 and BS EN 12469.

The ergonomically designed sloping front increases the working space and integral lighting ensures full illumination of the working area. The cabinets are straightforward to maintain and can be serviced from the front, the HEPA filters are 99.999% efficient for particulate larger than 0.3µm. Each unit has a microprocessor controlled membrane keypad that is simple to operate and clearly displays the cabinet status at all times with audible and visual alarms for all critical safety parameters.



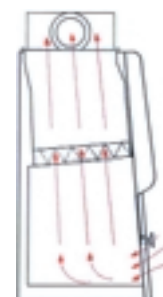
Microflow Peroxide Class II ABS Cabinet

- Operator and product protection
- Unique sliding/hinged door for uninterrupted access
- 100% seal for bio-decontamination - no closing panel needed
- Ducted and recirculating exhaust options available
- Carbon filter (Option K) available
- Suitable for work with up to category 3 pathogens
- Unique design pre-configured for H₂O₂ gassing
- Integral use with the Clarus™ L H₂O₂ Vapour Generator
- Reliable bio-decontamination in the exhaust HEPA filter
- Negative pressure bio-decontamination cycle - no leaks
- Laboratory operational during bio-decontamination - no downtime



Microflow Class I ABS Cabinet

- Operator protection
- Unique sliding/hinged door for uninterrupted access
- 100% seal for fumigation - no closing panel needed
- Ducted or recirculating exhaust options available
- Carbon filter (Option K) available
- Suitable for work with up to category 3 pathogens
- Available with hydrogen peroxide connections



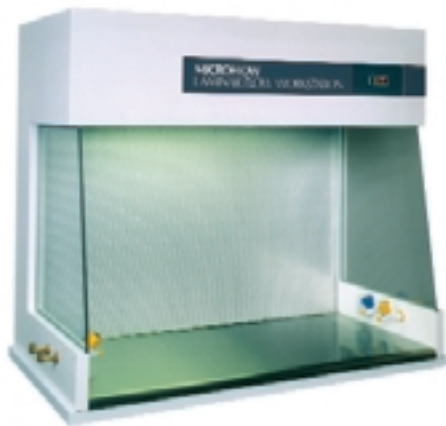
Microflow Class III/I ABS Cabinet

- Dual purpose Class I or Class III ducted cabinet
- Operator protection in Class I mode
- Operator and product protection in Class III mode
- Transfer hatch and glove port panel
- Safe change glove & cuff assembly
- Inlet HEPA filter - avoids material contamination
- Suitable for work with up to category 4 pathogens
- Available with hydrogen peroxide connections



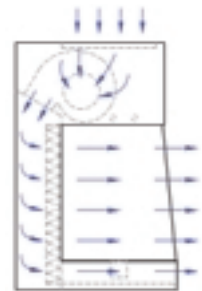
MICROFLOW LAMINAR FLOW WORKSTATIONS

Versatile Clean Air workstations providing vertical or horizontal laminar airflow. Ergonomic designs ensure a practical and flexible working area and carefully selected construction materials make both units easy to maintain. 99.999% efficient HEPA filtration and testing to BS EN ISO 14644-1 Class 5 makes them reassuringly safe.



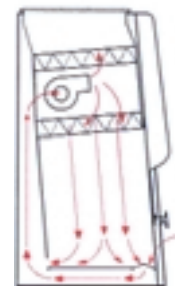
Microflow Horizontal Laminar Flow Workstation

- Product protection
- Spacious, open working area
- Glass side screens offer maximum visibility
- Integral lighting for full illumination
- Stainless steel work-surface is easy to clean



Microflow Vertical Laminar Flow Workstation

- Product protection
- Recirculating Class II-type airflow
- Negative pressure at working aperture
- Membrane control keypad
- Alarms for filter and airflow
- Unique sliding/hinged door mechanism
- Not suitable for use with pathogens



Microflow Omni PCR Workstation

Designed and tested in conjunction with experienced laboratory personnel, this cabinet is the ultimate in PCR workstation design and meets the exacting needs of PCR and DNA specific applications.

- Compact, bench mounted unit
- Negative pressure at working aperture - operator protection
- Class II type laminar airflow offers sample protection
- Integral UV decontamination system
- Safety interlock - UV activated when door closed
- Adjustable timer for UV decontamination cycle

