



Lab Bubble

Portable Containment Solutions

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PCR Clean Air Bubble



The PCR Clean Air Bubble provides a comfortable to use, easy to clean, HEPA filtered clean air environment for the preparation of PCR reagents. The integrated UV-C Germicidal Lamp provides effective bio-decontamination.

- ISO Class 5 Clean Air Environment
- UV-C Lamp as Standard
- Ergonomic Design
- Pre Tested and Validated
- Easy to Clean and Maintain
- Easy to Install



Lab Bubble is a registered European Design: No. 001324610-0001

FUNCTIONAL SPECIFICATION

The PCR Clean Air Bubble is designed to provide an enclosed environment for the handling of sensitive PCR reagents. The system operates as a positive pressure HEPA filtered system that creates a continual ISO Class 5 clean air blanket over the sample preparation area.

Air is taken from the laboratory and filtered through a 2 stage filter system into the enclosure and back out to the laboratory. Airflow is monitored continuously to ensure that no airborne contaminants can enter the enclosure. In addition a UV-C germicidal lamp tested to ensure a proven 254nm wavelength is available to provide bio-decontamination before and after use.

COLOURS AVAILABLE



DIMENSIONS



TECHNICAL SPECIFICATIONS

Performance:	ISO Class 5 Clean Air Environment UV-C Germicidal Lamp (254nm)
Airflow:	0.40m/s Face Velocity Factory Calibrated
Alarm:	Hot Wire Sensor -Audible/Visual
Filtration:	Two Stage HEPA Filtration System Proven to H14 standard EN 1822
Filter Life:	2-3 Years Safe Change Design
Power:	90-240V 1ph 50/60hz Load 1.0A

CONSTRUCTION

Weight:	38kg
Base:	10mm Chemically Resistant, Process Modified Polypropylene
Top:	6mm Chemically Resistant, Impact Modified Acrylic
Extract Unit	White Powder Coated Steel
Filter Module:	White Powder Coated Steel
UV-C Lamp:	White Powder Coated Steel

INSTALLATION

User Install, No Engineer Required
Pre Validated and Tested System
Documentation Pack Provided
No Facility Air Supply Required

