

# PCR 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
- Factory Tested and Validated
- Easy to Clean and maintain
- Easy to install

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.

## Technical

**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 H14 HEPA Filtration

**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