

PCR-1000 PREP STATION

- Prep station provides better than Class 100 air for prep of sterile PCR samples
- UV sterilization lamp destroys potentially contaminating DNA or RNA
- Provides continuous protection during prep and storage of PCR sample tubes
- Worksurface is a smooth, easy to clean white polyethylene surface

The airfiltronix PCR Prep Station provides continual protection during the preparation and temporary storage of your PCR sample tubes. Protect products and samples from contamination with Class 100 clean air or better. A HEPA filter rated 99.99% efficient at 0.3 microns and a Dacron prefilter rated 65% efficient at 6 microns create a particulate-free work area of better than 100 ppm. To further reduce the risk of contamination of samples, the prep station incorporates a 15 watt UV sterilization lamp to destroy any potentially contaminating DNA or RNA.

A high efficiency centrifugal, brushless AC motor with dynamically balanced backward curved impeller is mounted inside a vinyl painted steel blower housing. The variable speed control allows for continuous adjustment of air flow from 30% up to full speed.

The enclosure is constructed of UV stabilized acrylic (1/2" clear acrylic top for easy viewing and 3/8" clear acrylic side panels). The hood includes a vertically hinged polycarbonate door. The worksurface is a smooth, white polyethylene surface, which is easily cleanable. A 15 watt fluorescent lamp is provided for ample lighting of the work area. Both the UV and fluorescent lights are provided with a control switch.

MODEL: PCR-1000

includes HP-2 HEPA filter and PF-1R pre-filter



Specifications

Model No.	PCR-1000
Workspace:	23.25"W x 17.5"D x 21"H
Overall Dimensions:	24"W x 34.25"H x 18"D
Power Requirements:	115VAC, 100 watts, 50/60 Hz, 230 V AC optional
Weight:	91 lbs. (including filters)
Blower:	530 CFM (free air), Backward Curved Impeller
Noise Level:	A weighted noise level 62dB at 1 meter

Airflow Performance Statistics

Filters Installed	Max Airflow CFM	Face Velocity FPM
HEPA& Dacron	205	230
All number refer to average readings taken at full blower speed		

Please note: we can manufacture this unit in many different sizes and/or configurations. Please call to discuss your application.

For filter information refer to catalog and price sheet.