PCR Workstation

CE | UV Light | 2 year Warranty

Specially designed to minimize the sample contamination during PCR

Structural Functional Features

- High-performance HEPA filter provides a clean environment. (ISO Class 4, US Federal Class 10)
- Convenient for use by mounting on an existing bench.
- Fluorescent lamp is included to make it convenient for conducting experiments.
- Fluorescent lamps are installed on the inside of the front to reduce eye fatigue.
- Effective sterilization with 254nm UV lamp. (replacement cycle: approx. 8,000 hours)
- Polyester fiber pre-filter extends the life of the HEPA filter.

Use Convenience Features

- Easy to replace the filter on the front panel.
- Front cover opening structure at the front for convenient inspection and maintenance.
- Easy control of wind speed using the controller.
- Three model sizes depending on the bench size UV timer function. (up to 30 minutes)
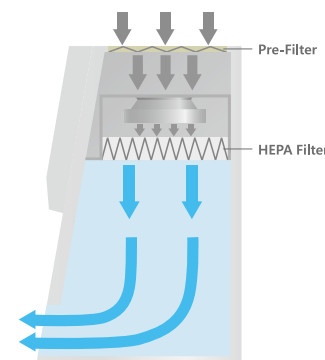
PW-21

Outstanding Safety

- Acrylic work surface blocks UV by 99.9%.
- When the door is opened with UV light is on, the UV light is turned off automatically to protect the user.
- Protection from overcurrent.

Completed internal cleanliness evaluation and microbiological testing compatibility test.

- Internal cleanliness rating (ISO 14644-1 standard) **Equivalent to ISO Class 2**
- Microbiological testing (ISO 14698 standard) **ISO Class 5 rating, satisfies the microbiological testing standards**

Pre-Filter

HEPA Filter

Hood & Clean Bench

Specification

Model		PW-01		PW-11		PW-21	
Air	Air flow type	Vertical		Vertical		Vertical	
	Airflow velocity (m/sec/fpm)	0.4 / 78.7		0.4 / 78.7		0.4 / 78.7	
	Main filter	HEPA (99.99% at 0.3 μm)		HEPA (99.99% at 0.3 μm)		HEPA (99.99% at 0.3 μm)	
	Pre-filter	Polyester Fibers		Polyester Fibers		Polyester Fibers	
Illumination	U.V. lamp (254 nm, W)	15		20		30	
	Fluorescent lamp (W)	15		20		30	
	Fluorescent lamp intensity (Lux)	more than 1,000		more than 1,000		more than 1,000	
Material	Window (Front, Sides, Rear)	Acryl (Clear)		Acryl (Clear)		Acryl (Clear)	
	U.V. protection	99.90%		99.90%		99.90%	
	Working table	Acryl (Clear)		Acryl (Clear)		Acryl (Clear)	
Dimensions	Exterior (W x D x H, mm / inch)	720 x 605 x 964 / 28 x 24 x 38		900 x 605 x 964 / 35.4 x 24 x 38		1200 x 605 x 964 / 47.2 x 24 x 38	
	Interior (W x D x H, mm / inch)	700 x 585 x 602 / 27.5 x 23 x 23.7		880 x 585 x 602 / 34.6 x 23 x 23.7		1180 x 585 x 602 / 46.5 x 23 x 23.7	
	Net weight (kg / lbs)	56.2 / 123.9		64.2 / 141.5		77.8 / 171.5	
Noise level (dB)		Less than 60		Less than 60		Less than 60	
Electrical requirements (230V, 1ph, A)		60Hz, 1.3	50Hz, 1.3	60Hz, 1.4	50Hz, 1.4	60Hz, 1.5	50Hz, 1.5
Cat. No.		**AAHB3001K**	**AAHB3002K**	**AAHB3011K**	**AAHB3012K**	**AAHB3021K**	**AAHB3022K**
Electrical requirements (120V, 1ph, A)		60Hz, 2.2		60Hz, 2.7		60Hz, 2.9	
Cat. No.		**AAHB3003U**		**AAHB3013U**		**AAHB3023U**	

※ Basic composition : Main Body, HEPA Filter, Pre-Filter, UV Lamp, Fluorescent Lamp

Accessories Page 185 Pre-filter, HEPA Filter