

Jeio Tech Clean Bench - Analogue Control (BC-01B)

Product Code: AAHA6012K

Brand: Jeio Tech

With its vertical laminar flow, Jeio Tech's Clean Bench - Analogue Control (BC-01B) offers a quick operation with the use of its simple adjustable analogue controls.

It also comes with an ISO Class 4 (US Class 10) HEPA filter, the air from which minimises cross contamination in the work space and provides an abrasive-free working environment. Suitable for a variety of test applications such as, plant tissue culture research and syringe filling.

Features:

Performance:

- ISO Class 4 (US Class 10) HEPA filter for optimal protection against cross-contamination.
- 0.3µm and larger particulates are removed with 99.9% efficiency, leak-tight HEPA filter which satisfying class 10 (US Federal Standard 209E). The average life span of the HEPA filter is 3 years - it depends on the test room conditions).
- High-quality polyester fibre pre filter (with minimal pressure loss and 85% arrestant on the AFI test) for trapping larger particles and increasing the life of the main HEPA filter.
- Exclusive diffusing muffler structure forms high-quality laminar flow.
- Quiet and comfortable working environment (less than 65dB).

Convenience:

- Built-in differential pressure gauge for easy checking HEPA filter condition.
- Comfortable front access to cartridge type of filters for easy replacement.
- Easy blower speed adjustment by the control panel.
- Highly durable, rust-free, and easy-to-clean grade 304 stainless steel work surface.
- The inner left side magnetic board allows some memos and small tools.

Safety:

- UV-blocking and impact-resistant tempered glass door.
- If the sash is opened during UV-lamp operation, the UV lamp automatically turns off to protect users.
- Lighting mode selection by 3-position toggle switch (UV/off/fluorescent) preventing harmful UV exposure.
- Smoothly sliding front door stoppable at any height for user's safety and easy transport of equipment into the workspace.
- Protection against over-current.



Specifications:

Air Flow Type		Vertical laminar flow
Air Volume (minimum/maximum)		0 to 1020cmh/0 to 600cfm
Laminar Air Flow Velocity (m/s/fpm)		0.3/59
Air Cleanliness Within Work Space		ISO-14644-1 class 4, US Federal Standard 209E class 10
Filters	HEPA Filter	Typical efficiency of 99.99% on 0.3µm (US MIL-STD-282). Micro glass fibre Media, Particle board, AL seperator, Neoprene gaskets.
	Pre-Filter	Polyester fibres with a filter efficiency of 85% (AFI-test). Aluminium frame, polyester fibre media.
Noise Level		Typically <65dB of blower speed
Material(s)	Main Body	Steel powder coating
	Work Surface	Stainless steel grade 304, hairline treatment
	Windows (front/side)	Colourless and transparent UV absorbing 5mm tempered glass
Illumination	Fluorescent Lamp (W)	30 x 2ea
		Electronically ballasted fluorescent lamp
	UV Lamp (W)	25 x 1ea
		Electronically ballasted UV lamp
Electric Socket Outlets		230V socket
Dimensions (w x d x h)	Internal	945 x 570 x 670mm
	External Without Stand	1135 x 647 x 1150mm
	External With Stand	1135 x 647 x 1870mm
	Net Weight - body (kg)	140
	Net Weight - body x stand (kg)	170
Electrical Requirements (230V, 1ph)		50Hz, 1.38A

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