

Clean Bench BCV

General information

BEING provides high-quality, safe vertical laminar clean benches. BEING's clean benches suck air from the room or hall space, transfer the air through a HEPA filter using a fan, and then clean the bench area with filtered air.



BCV-3S1

- Reservation on / off control for fan & UV light
- High quality, quiet fan
- Universal electrical outlet
- An additional pre-filter below work surface helps capture large particles and prolongs HEPA filter life
- Stable laminar air flow, from 0.30m/s to 0.50m/s
- Realtime display air speed, time and the status of HEPA filter
- Cumulative running time of HEPA filter
- Power socket installed inside for ease power access
- Audio and visual alarm for filter failure
- Access password
- Interlocking control between ultraviolet ray light and interior light

Technical Specifications

Spec/Model	BCV-3S1	BCV-4S1	BCV-5S1	BCV-6S1
Num. of operator	one people one side	one people one side	two people one side	two people one side
Laminar Flow	Vertical			
Cleanliness	ISO class 5, ISO - 14644-1			
CFU	$\leq 0.5/\text{Dish} \cdot \text{h}$ ($\phi 90\text{mm}$ petri dish)			
Air Velocity	0.30 - 0.50m/s			
Noise	$\leq 62\text{dB}$			
Vibration	$\leq 3\mu\text{m}$	$\leq 4\mu\text{m}$	$\leq 4\mu\text{m}$	$\leq 4\mu\text{m}$
Illumination	$\geq 900\text{Lx}$			
Power input	AC220V/50Hz			
Peak power	250VA	500VA	500VA	750VA
Internal Work Area W x D x H(mm)	920×620×645	1220×620×645	1520×620×645	1820×620×645
External Dimensions W x D x H(mm)	1060×720×1745	1360×720×1745	1660×720×1745	1960×720×1745