

Metal Horizontal Laminar Clean Bench



TopAir provides high quality, safe Horizontal Laminar Clean Benches. TopAir'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.

In horizontal benches, the filtered air flows through a filter installed at the back of the bench toward the staff.

All components are produced by leading global companies, such as AAF USA.

Advanced Operation System:

- Color 5" touch screen
- 10-speed fan
- Hour counter for filter
- Filter replacement alarm

The clean bench complies with Test Standard USA Federal Standard 209E / ISO 14644-1/ CE and can be customized to the specifications of each client.

Clean benches are designed to supply a clean controlled work environment meeting Class 100/ISO5 cleanliness standard, resembling a clean room, with the additional advantages of portability and small dimensions.

Clean benches provide a high quality alternative to a clean room at a much lower cost and without massive construction.

- Horizontal air stream producing clean air in compliance with ISO5/ CLASS100 or ISO4/Class10 standards (depending on the filter installed).
- Massive epoxy coated, oven-tempered metal structure assures stability, preventing movement during sensitive operations.
- Work surface made of 304 stainless steel
- Side windows made of tempered glass
- High efficiency quiet EC fan
- Optional stand
- Universal electrical outlet
- Innovative, advanced design
- Variety of sizes and materials; optional stand
- Eco-friendly, cost-effective LED lighting
- **Compliance with Test Standard: US Federal Standard 209E / ISO-14644-1 / CE**



Models

Spec/Model	HC-H090	HC-H120	HC-H150	HC-H180
Outer Dimensions	900 x 890 x 1250 mm	1200 x 890 x 1250 mm	1500x 890 x 1250 mm	1800 x 890 x 1250 mm
W x D x H	40.5 x 35 x 49.2	47.2 x 35 x 49.2	59 x 35 x 49.2	70.8 x 35 x 49.2
WE CAN CUSTOMIZE TO ANY SIZE - EVEN A SINGLE UNIT! CONTACT US FOR DETAILS				
Workspace	770 x 610 x 640 mm	1070 x 610 x 640 mm	1370 x 610 x 640 mm	1670 x 610 x 640 mm
(W x D x H)	30.3 x 24 x 25.2"	47.1 x 24 x 25.2"	53.9 x 24 x 25.2"	65.7 x 24 x 25.2"
Test Standard	US Federal Standard 209E / ISO 14644-1			
Air Velocity m/s	0.3 m/s, 60 FPM			
Cleanliness within Workstation	Class-100 (FS 209E) ISO 4, ISO-14644-1			
Hood Material	High grade cold rolled steel and surface is static powder coated			
Work Table Material	Stainless steel SUS 304			
Noise (Tested 20 cm from the work table, 1.2m above ground)	<50dB	<50dB	<54dB	<54dB
Power Supply	110 / 220V, 50/60 Hz, Single phase			
Illumination	800 LUX LED lighting			
Filter	HEPA Filter Efficiency of 99,9995% at 0.3 Microns H14 (Optional ULPA filter)			

Accessories

Spec/Model	HC-090	HC-120	HC-150	HC-180
Stand	HC-090-ST	HC-120-ST	HC-150-ST	HC-180-ST
Combined UV light and front sash	HC-090-UV-FS	HC-120-UV-FS	HC-150-UV-FS	HC-180-UV-FS
Separated "floating" table	HC-090-VB	HC-120-VB	HC-150-VB	HC-180-VB

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