

Polypropylene Horizontal Laminar Clean Bench

TopAir provides high quality, secure 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 manufactured by leading global companies, such as AAF USA.

Advanced Operation System:

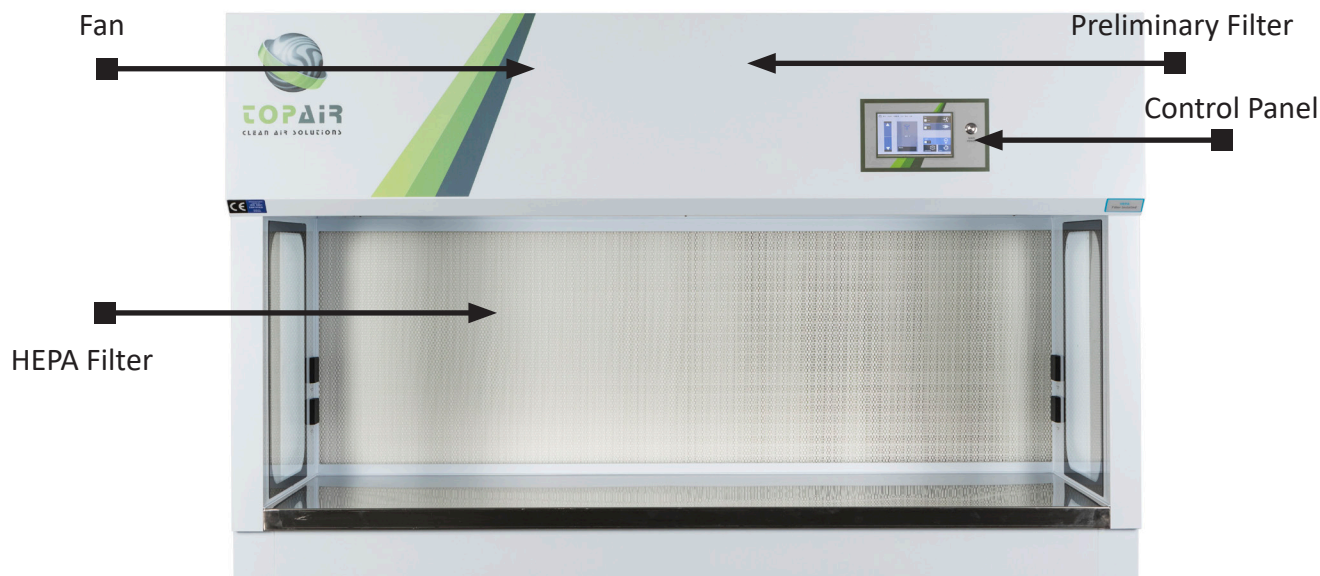
- Color 5" touch screen
- 10-speed fan
- Hour counter for filter
- Filter replacement alarm

The clean bench complies with **Test Standard USA Federal Standard 209E / ISO 14644-1 / CE** and can be customized to customer requirements.

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).
- Polypropylene structure with high chemical resistance
- 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-H090P	HC-H120P	HC-H150P	HC-H180P
Outer Dimensions	900 x 930 x 1110 mm	1200 x 930 x 1110 mm	1500 x 930 x 1110 mm	1800 x 930 x 1110 mm
W x D x H	35.4 x 36.6 x 43.7"	47.2" x 36.6 x 43.7"	59 x 36.6 x 43.7"	70.8 x 36.6 x 43.7"
WE CAN CUSTOMIZE TO ANY SIZE - EVEN A SINGLE UNIT! CONTACT US FOR DETAILS				
Workspace	770 x 660 x 640 mm	1070 x 660 x 640 mm	1370 x 660 x 640 mm	1670 x 660 x 640 mm
(W x D x H)	30.3 x 26 x 25"	42.1 x 26 x 25"	53.9 x 26 x 25"	65.7 x 26 x 25"
Test Standard	USA Federal Standard 209E / ISO-14644-1, CE			
Air Velocity m/s	0.3 m/s, 60 FPM			
Cleanliness within Workstation	Class-100 (FS 209E) ISO 4, ISO-14644-1			
Hood Material	Polypropylene			
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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