



1 Big wind speed protective pre-filter

The pre-filter with big wind speed is convenient to take down. It not only protect HEPA filter but also ensure the wind velocity. Adopt send-off wind system making air velocity adjustable by touch the switch lightly, which makes the wind speed ideal status.

2 Roomy working area

Adopted super thin mini-pleat air filter to minimize the size of structure. The clean bench is matched with stainless steel table-board and glass on two sides. It makes the working area roomy and bright.

3 Convenience operation

Horizontal air current, opened desk type, convenient operation.

4 Ensure working area cleanliness

Adopt protective glass (removable) to provide enclosed environment for working area, and it is so beneficial to reduce air pollution in the inside time.

5 Tandem assembly

High clean class, low noise, cabinet and support can be dismantled or removed. Also, it can connect to assembling line.

6 Application

Widely used in the clean environment, such as micro-electronics laboratory, national defense, precise instrument, bio-pharmaceutical, hard disk manufacture etc.

Item	Square Horizontal Clean Bench			New Design Horizontal Clean Bench		
Model	CBH-1	CBH-2	CBH-3	CBHN-1	CBHN-2	CBHN-3
Material	The cabinet: Powder coated steel / Stainless steel; the table-board: Sand light stainless steel					
External size (W*L*H:mm)	960*900*1580	1200*900*1580	1500*900*1580	1090*850*1800	1340*850*1800	1590*850*1800
Internal size (W*L*H:mm)	930*600*650	1170*600*650	1470*600*650	930*620*600	1180*620*600	1430*620*600
Table height from the ground(mm)	850	850	850	850	850	850
Clean class (ISO 14644-1 standard)	100	100	100	100	100	100
Air flow (m3/h)	900	1050	1300	950	1300	1500
Average velocity (m/s)	0.45 ± 20%					
Filtration efficiency	99.99% @ 0.3μm					
Illumination(lux)	>300					
Power (W)	220	220	240	220	220	240
Noise dB@0.45m/s	≤60	≤60	≤62	≤60	≤60	≤62
Power supply (V/Hz)	220/50	220/50	220/50	220/50	220/50	220/50
LED lamp (WxPC)	18x1	18x1	36x1	18x1	18x1	36x1

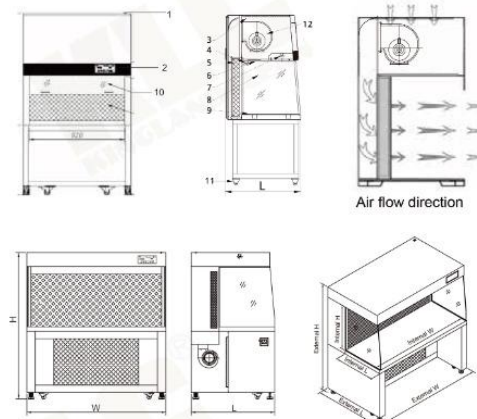
Optional Configuration

- ☐ Touch screen / PLC touch screen
- ☐ UV lamp
- ☐ Lifting glass(Manual)
- ☐ Lifting glass(Automatic)
- ☐ Differential pressure gauge

Parameter

Square Horizontal Clean Bench

1. Power connector
2. Control panel
3. Pre-filter
4. LED lamp
5. HEPA filter
6. Diffuser
7. UV lamp
8. Tempered glass
10. Protective glass
11. Universal wheel
12. Fan



External size (W*D*H)mm	1340*820*1820
Internal size (W*D*H)mm	1180*620*575
Cabinet material	Powder coated steel T1.0
Working area	stainless steel 304 T1.2
Air flow	1150m3/h @0.45m/s
Average velocity	0.3~0.5m/s; 3stage wind speed adjustable
Fan	1 set, low noise, big air volume durable motor
Noise dB	≤60
LED lamp	1 set; 18W*1, ≥300Lux
UV lamp	with
Control panel	Eletrical panel
Functions	Fan on/off, LED on/off, up/down
Waterproof socket	1pcs
Moveable wheels	4pcs with foor margin (0~100mm adjustable)
Two sides window	anti-UV ray tempered glass
Filter type	HEPA H13+ G4
Lifting glasses	with
Power supply	220V 50Hz

