

LAMINAR FLOW CABINETS



24/7 PROTECTION

Haier Biomedical's Laminar Flow Cabinets offer a clean and safe environment protecting your samples



Class 5 Certification

Air cleanliness exceeds that required for Class 5 clean air applications



Safe & Reliable

Highly efficient HEPA filter, 99.995% @ 0.3 μ m



Side Glass Windows

Glass wall allows natural light in, reducing optical stress caused by artificial lighting and maximising the usable space

Haier Biomedical

Intelligent Protection of Life Science

Safer By Design

Featuring many patented technologies and certified to ISO146644.1 Class 5 standard, Haier Biomedical's Laminar Flow Units are suitable for a wide range of clean air applications within various sectors; including pharmaceutical, clinical, life science research, media prep and microelectronics manufacturing.



ISO146644.1 Class 5 Standard

HEPA filter with a typical efficiency of >99.99% for 0.3 micron particles.



Durable

Manufactured using cold rolled steel with anti-corrosion electrostatic paint finish with 304 stainless steel worktop resistant to oxidation and corrosion.



Patented Pre-Cleaning Function

Pre-cleans the working area before sample handling, providing additional sample/product protection.



One-Touch UV Lamp

Ultraviolet light can be set with one single key to automate on/off time, sterilisation time and sterilisation time interval from 0 to 24 hours, reducing downtime. Audible and visual alarms remind users to leave, protecting them from UV injury.



Interior Light Source

Recessed internal lighting reduces eye fatigue.



Inter-Lock Function for Safer Operation

The fluorescent light and ultraviolet light interlock with each other. The ultraviolet light can only be switched on when the fluorescent light is turned off. When the fluorescent light is on, the ultraviolet light is powered off immediately to minimize any risks.



Ergonomic Design

The working height of the worktable is 800mm suitable for an operator to stand or sit and allows for flexible working throughout the day to reduce operator fatigue. There is also a convenient IV bar with hooks.



Clear Controller and Display

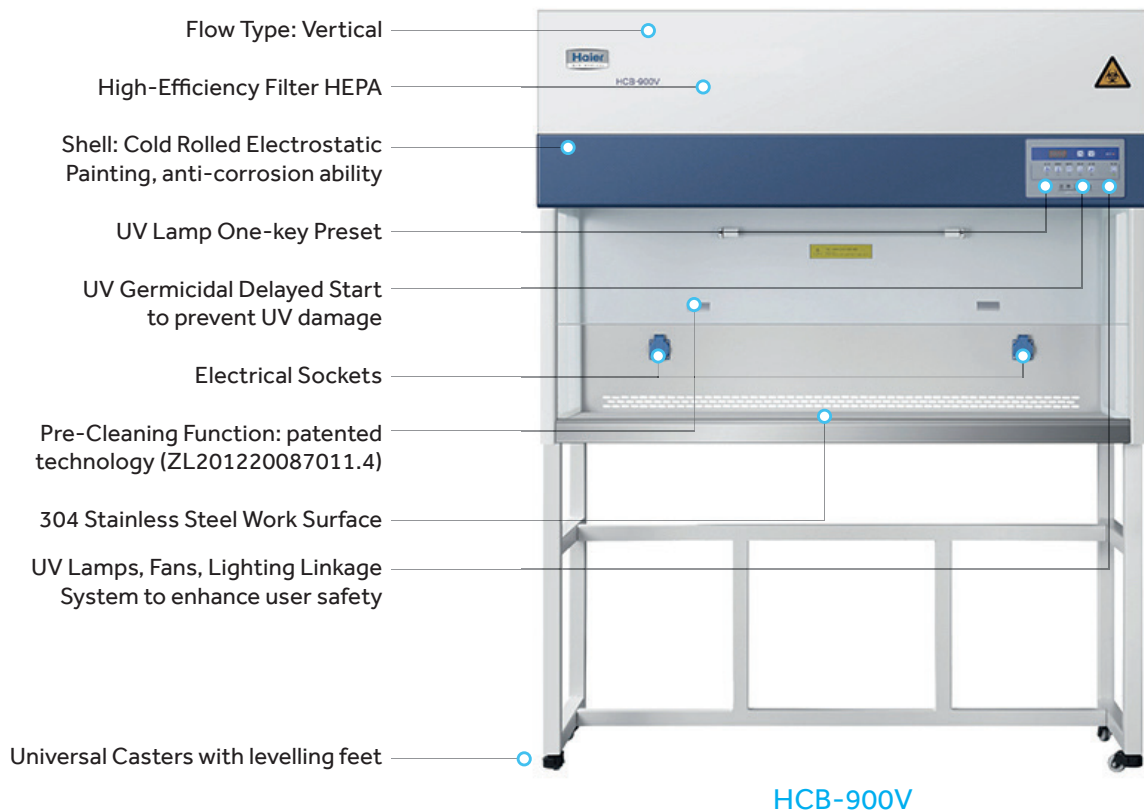
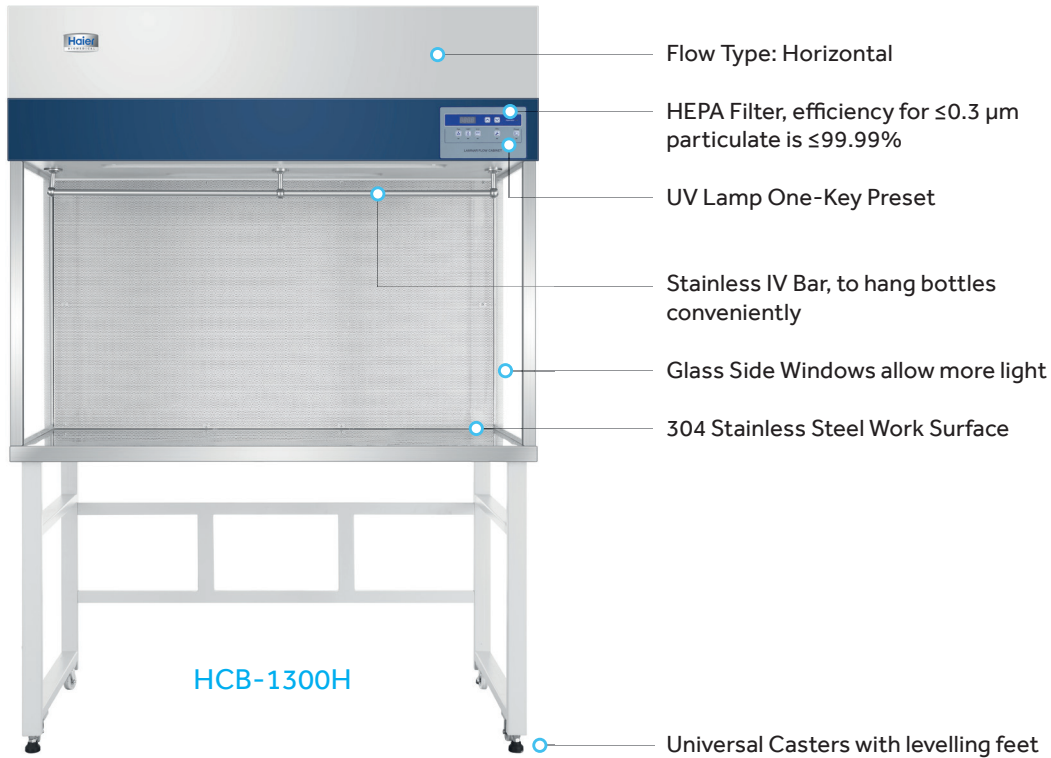
A microcomputer intelligent control panel with durable touch buttons.



Memory Function

For quick and convenient start-up the UV lamp has a start-up delay time, sterilisation duration, pre-set start time and the fan position can be set and saved by user to avoid repeated setting.

PRODUCT FEATURES



PRODUCT SPECIFICATIONS

Model		HCB-900V	HCB-1300V	HCB-1300H	HCB-1600H
Flow Type		Vertical	Vertical	Horizontal	Horizontal
Voltage/Frequency		220V/50Hz	220V/50Hz/60Hz	220V/50Hz/60Hz	220V/50Hz/60Hz
Power		1200W	1200W	350W	350W
Vibration Amplitude		≤2um	≤2um	≤2um	≤3um
Exhaust Filter Typical Efficiency		HEPA,99.995%@0.3um	HEPA,99.995%@0.3um	HEPA,99.995%@0.3um	HEPA,99.995%@0.3um
Average Velocity		0.2~0.5m/s	0.2~0.5m/s	0.3~0.5m/s	0.3~0.5m/s
Fluorescent Lamp Intensity (Lux)		≥300	≥300	≥900	≥1000
Net/Gross Weight	kg	115/140	145/175	135/165	165/205
	lbs	254/309	320/386	297.6/363.7	363.7/415.9
Sound level (dB(A))		≤60	≤60	≤60	≤60
Internal Dimension (W*D*H)	mm	900*550*520	1300*550*520	1310*550*750	1710*550*750
	in	35.4*21.7*20.5	51.2*21.7*20.5	51.5*21.7*29.5	67.3*21.7*29.5
External Dimension (W*D*H)	mm	970*630*1730	1370*630*1730	1380*792*1960	1780*792*1960
	in	38.2*24.8*68.1	53.9*24.8*68.1	54.3*31.1*77.2	70.1*31.1*77.2
Packing Dimension (W*D*H)	mm	1105*745*1280	1505*745*1280	1465*940*1370	1865*940*1370
	in	43.5*29.3*50.4	59.3*29.3*50.4	57.7*37.0*53.9	73.4*37.0*53.9
Supporter		750mm high chassis	750mm high chassis	750mm high chassis	750mm high chassis
Cleanliness Classification		ISO14644.1 Class 5	ISO14644.1 Class 5	ISO14644.1 Class 5	ISO14644.1 Class 5
Container Load (20'/40'/40'H)		15/33/33	10/25/25	8/16/16	6/12/12
Certification		CE,CFDA	CE,CFDA	CE,CFDA	CE,CFDA