

Biosafety Cabinet



HCR-BSC



SHANDONG JIAJING MEDICAL TECHNOLOGY CO., LTD.

ADD: Huantai District, Zibo City, Shandong Province, China

Email: info@sdjiajing.com

Fax/tel: +86 533 3880057

JIAJING MEDICAL BIOSAFETY CABINET (BSC)

Biosafety cabinets (BSCs) are one type of biocontainment equipment used in biological laboratories to provide personnel, environmental, and product protection. It employs High Efficiency Particulate Air filters in both supply and exhaust system to prevent the distribution of infectious agents and toxins in airborne particles and aerosols.

Features

1 Instinctive 7-inch touch screen, easy to operate

High resolution (1024*600) touch panel displays intake flow velocity, laminar flow, pressure difference, filter life, alarm information etc. in real time.

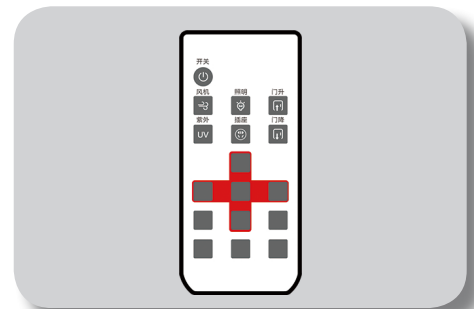


2 EC (electronically communicated motor) with ultra-low noise

High efficiency EC motor produces noise as low to 60dB for the 10A2 type.

3 Sash can be manually and electrically controlled, easing your operation.

With the two control method, the sash can also be adjusted or close when encountering accident power failure. You do not need to worry about the leakage of infectious agent, toxins and other hazards.



4 Pedal switch for controlling sash

Operator can still control the sash with hands occupied.

5 Remote control of the BSC

Operator can still start BSC disinfection without entering the door. With this function, the operator does not need to change clothes repeatedly. It can also reduce unnecessary contact with the BSC, protecting the personnel.



6 Automatic air flow control maintains correct air flow

The control system will automatically adjust the air flow when air flow deviation is detected which may be caused by, for example, line voltage fluctuation. Consistent airflow can also prolong HEPA filter service life.



7 Filters efficiency

For type A2 BSC, U15 ULPA filters are used for both air supply and exhaust systems.
For type B2 BSC, U15 ULPA is used for supply system and H14 HEPA for exhaust system.

8 Raised edge of work surface facilitates spilled liquid treatment

Spilled liquid can be easily collected.

9 on/off and UV lamp timer

You can set the machine to automatically disinfect the work area before and after operation.

10 RS485 port

Can be connected to building management system to fulfill remote control on the cabinet.

11 Easy installation

Total height is less than 2.05 meters, lower than standard elevator and room door height. No worry about installation.

Specifications

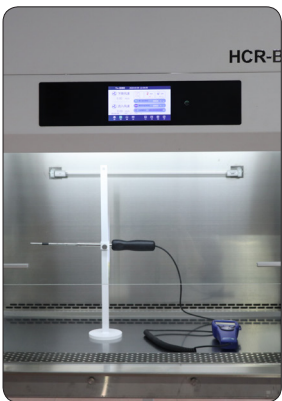
Model	Work area/ (W*H*D)mm	Outer size/ (W*H*D)mm	Downward vertical airflow/(m/s)	Intake airflow/(m/s)	Noise/dB	Illuminance/ lx	Rated power/W	Net weight/ kg
HCR-BSC10A2	1000*600*600	1100*800*2050	0.36	0.55	≤60	>1200	1800	200
HCR-BSC13A2	1300*600*600	1400*800*2050	0.36	0.55	≤61	>1200	1800	250
HCR-BSC16A2	1600*600*600	1700*800*2050	0.36	0.55	≤63	>1100	1800	300
HCR-BSC10B2	1000*600*600	1100*800*2050	0.30	0.55	≤60	>1200	1900	200
HCR-BSC13B2	1300*600*600	1400*800*2050	0.30	0.55	≤61	>1200	1900	250
HCR-BSC16B2	1600*600*600	1700*800*2050	0.30	0.55	≤63	>1100	1900	300

* Power supply: single phase AC 220V/50Hz or 110V/60Hz. Please inform us before production.

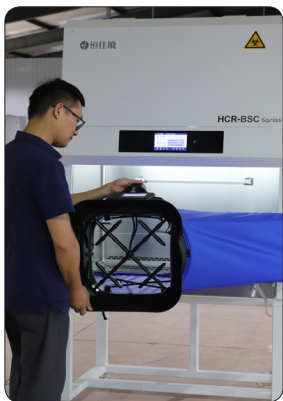
Strict inspection before leaving factory



Test filtration efficiency



Test downward airflow velocity



Test intake airflow volume rate



Test noise