

Mini Biological Safety Cabinet HR700-IIA2



Scope of Application:

Professional air purification equipment suitable for the test environments of small spaces and single person operations, such as virus sampling warehouses, sampling stations at airports and railway stations, on-board laboratories, and other space limited organizations.

Innovative Design

- ◉ Space-saving design with large working area
- ◉ Real-time monitoring of the airflow for safety

- ◉ Ergonomic design for single person
- ◉ Energy-efficient EBM motor

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Product Parts



EBM fan
Energy saving and low noise



Air Velocity Sensor
Intelligent constant air velocity ensures the stability

Standard Electric Glass Door
Make the use procedure more comfortable



2 Valve Interfaces
Convenient for users to use water, gas, air, etc.



Optional mobile support frame



Filters

Equipped with AAF filters, the upper filter efficiency is 99.9995%@0.12 μ m(U15), the lower filter efficiency is 99.999%@0.3 μ m(H14)



LCD display
Real-time display of operating parameters and filter life, etc

UV Lamp

One-click reservation

2 Electrical Sockets

Waterproof sockets with timing technology allows user to program timed on/off function

Cabinet Construction

Integrated 304 stainless steel work tray, 304 stainless steel work area formed on three sides

Product Advantages



Safe and reliable

Adopts AAF filters, class 1 cleanliness, provides strong protection for people, environment and samples



Interlocking function

The product features an interlocking function between UV disinfection, fluorescent lamp, front window and fan



LCD display

LCD screen displays various parameters and service life of accessories in real time, and the operational condition of the equipment is clear at a glance



Alarms

Audible and visual alarm functions: hardware failure alarm, operation parameter overrun alarm, filter and UV lamp life warning



One-click operation

UV lamp one-click reservation allows users to set 0 min to 24 hours of automatic on/off time and sterilization interval, and reduces the waiting time



Uniform airflow

- EBM fan, combined with professional air distribution design, has lower noise and more uniform air flow
- AAF filter, high efficiency and uniformity, low resistance



2 standard sockets

Waterproof socket timing technology: equipped with 2 waterproof sockets to ensure the regular opening/closing



Standard

Designed according to E.U. EN12469

Specifications

Model		HR700-IIA2
Power supply (V/Hz)		220/50/60
Power (VA)		1200
Power of Blower (W)		210
Airflow Circulation		70%Downflow, 30%Exhaust
Main Filter Typical Efficiency		≥99.999%@0.3μm (H14)
Exhaust Filter Typical Efficiency		≥99.9995%@0.12μm (U15)
Exhaust filter		Single
Filter's Brand		AAF
Downflow Velocity (m/s)		0.30
Inflow Velocity (m/s)		0.45
Lighting Intensity (Lux)		≥650
Internal Dimensions (W*D*H)	mm	600*550*540
	in	23.62*21.65*21.26
External Dimensions (W*D*H)	mm	700*710*1200
	in	27.26*27.95*47.24
Supporter (mm)		700 (optional)

Product appearance and specifications are subject to change without notice