

# 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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# Mini Biological Safety Cabinet HR700-IIA2

## 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 $\mu$ m(U15), the lower filter efficiency is 99.999%@0.3 $\mu$ 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



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