

## Haier Biological Safety Cabinet Hr1200-ia2 - Microbiological - Laboratory - Year 2020 - Used

**Our Ref:** 17610

**Price :** £4,248.00 inc VAT.

**Website :** [Click here to view this item on our website](#)

If you have any questions please do not hesitate to contact us

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Downflow filter specification amount:  
ULPA Filter x1 filter efficiency ≥99.999% @0.12um



Qingdao Haier Biomedical Co., Ltd  
Haier Industrial Park, Economic Technology Development Zone, Qingdao P.R. China

## Operation Steps for Biosafety Cabinet



### Steps for Start Up:

- 1 Plug in and then press and hold the power button for 2s to start up the Cabinet.
- 2 Raise the glass door and window up to allow the bottom edge of the glass door to be aligned with the marker line of the door height.
- 3 Allow the Cabinet to enter the mode of self-cleaning until the reminder of "Auto-Cleaning ..." disappears.
- 4 Clean the workbench and the inner wall of the Cabinet.
- 5 Operate tests.

### Steps for Shutdown:

- 1 Take all test items out.
- 2 Allow the Cabinet to run by itself for 3 minutes.
- 3 Clean the workbench and the inner wall of the Cabinet.
- 4 Close the front window and pull the door to the bottom.
- 5 Press and hold the power button for 2s to shutdown the Cabinet.
- 6 Cut off the power.

### Steps for Setting Time for Turning on UV Lamp:

- 1 Scroll to the page of Setting Time for Turning on UV Lamp to set the time for turning on the UV Lamp. Press "↑" or "↓" buttons to select from two time periods respectively. Then press "←" or "→" buttons after pressing the "Setting" button to set the time successively, and finally press the "OK" button to finish the setting. If select "OK", the corresponding line will be still valid after the setting being enabled, if select "Cancel", the corresponding line will be still invalid after the setting being enabled.
- 2 On the standby page after closing the door, if the time for turning on the UV Lamp has been set, the setting will be enabled by pressing the "Adv." button, and the indicator for the "UV Lamp" will flash slowly. The setting will be canceled by pressing the "Adv." button again. After reaching the set time, if the conditions for turning on the UV lamp are met, the UV lamp will automatically turn on.

#### Notes:

- ① Conditions for turning on the UV lamp: the illumination light, the front window and the socket are all off, but the power indicator is on.
- ② If the time for turning on the UV lamp is set and there is any function of buttons other than the "Power" button being enabled when reaching the set time, the setting will be invalid. But the indicator for the setting will keep the original state, and the setting will be still valid at the set time of the next day (delayed 24 hours).

### Steps for Setting Timer:

- 1 Scroll to the page of Setting Timer to set the countdown and the seconds counter. Press "Setting" button to set the begin time of the countdown, and the countdown will begin when press "OK" button after finishing setting; the start time of the countdown cannot be set again during the process of countdown. The displayed page will be automatically jumped back to this page 30s before the end of the countdown. The alert tone will beep for 2s at the end of the countdown.
- 2 Press "↓" button to select the option for setting seconds counter. The seconds counter will begin by pressing "OK" button and stop by pressing "OK" button again.  
Note: on this page, the page will be scrolled by pressing "←" or "→" button and the seconds counter will stop and be reset; the countdown will be canceled automatically after the shutdown.

### Steps for Setting Working Hours of Socket:

- 1 Scroll to the page of Setting Working Hours of Socket to set the working hours of the socket. Select "ON" from the "Socket run time set" to set the "Socket RT" and "Socket RT left". If select "OFF" from the "Socket run time set", then the fields for setting "Socket RT" and "Socket RT left" will be displayed with "-".
- 2 The alert tone will beep for 2s in the last 30s of the Program-controlled Operation. The displayed page will be automatically jumped back to the page of Setting Working Hours of Socket. The remaining hours will be reset after the shutdown.

### Precautions for daily sterilization and cleaning

Disinfectants and cleaners containing Chlorine, bromine are strictly prohibited in the process of daily disinfection and cleaning of biosafety cabinets. It is suggested that neutral sterilization and neutral cleaners be used.



### Warning of Abnormal Conditions

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| <ul style="list-style-type: none"> <li>▷ Close the blower when the door is open</li> <li>▷ The speed of air flowing in or descending is too high or too low</li> <li>▷ The filter is abnormal</li> <li>▷ The filter life is less than 10% of its designed life</li> <li>▷ The door height is beyond the marker line</li> <li>▷ The temperature or humidity of the air flow is too low</li> </ul> | <ul style="list-style-type: none"> <li>Please close the door</li> <li>The airflow is abnormal; please check if the working environment meets the working requirements.</li> <li>The filter is abnormal; please contact Haier Services to solve</li> <li>The filter fails; please contact Haier Services to solve</li> <li>The door height is abnormal; please adjust the door height to the height of the marker line</li> </ul> |
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ENVIRONMENTAL SERVICES  
for service contact: service@stecomak.com  
Tel: 01733 850000

— BIOLOGICAL —  
SAFETY CABINET



Alarm —

- Fan 
- Light 
- U.V 
- Outlet 
- Adv. 
- Power 















Haier  
KIMBERLY

Haier  
CE

Technical specifications and safety information label.

IVAN  
(THIS TERRIBLE)

Technical specifications and safety information label.



SAFETY CABINET  
Digital display and control buttons.

**BC-051**

<b>Haier</b>		<b>CE</b>	
<b>Biological Safety Cabinet</b>			
Model:	HR1200-IIA2	Airflow Velocity of Downflow:	0.34m/s
Level Pattern:	Class II	Airflow Velocity of Inflow:	0.55m/s
Power Input:	1500VA	Rotate Speed of Blower Fan:	560r/min
Rate Voltage:	220V-240V~	Net Weight:	320kg
Rate Frequency:	50Hz		
Exhaust filter specification amount: HEPA Filter ×1 filter efficiency ≥99.995% @0.3um		Manufacture Date and No: in the Barcode	
Downflow filter specification amount: ULPA Filter ×1 filter efficiency ≥99.9995% @0.12um		 	
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Steps for Start Up:

Steps for Shutdown: