

SMART SCIENCE

Smart Science co.,ltd.

Laminar Flow

Price List 2023-2024



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- Fume Hood
- Laminar Flow Cabinet
- Bio Safety Cabinet



Bioevoke

Haier

CRYSTE

 เลือกชม/สั่งซื้อสินค้าออนไลน์ได้แล้ว

บริษัท สมาร์ท ไซเอนซ์ จำกัด

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**SMART
SCIENCE**
Smart Science co.,ltd.

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Laminar Flow Cabinet

Provide a sterile **work environment**. Does not provide any protection to personnel or environment

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Laminar Flow

Mini Laminar Flow Cabinet, Vertical Type

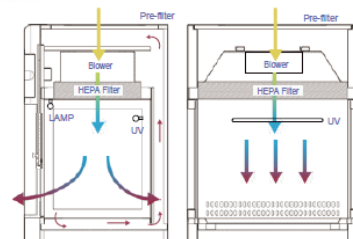
Model	LCB-V550P
Application Scope	Protect experiment samples
Airflow Direction	Vertical
Function	Cleanliness
	Class 100
	HEPA Filter
	≥99.995% of 0.3um particle
	Colony Count
	0.5/vessel (petri dish is φ 90mm)
	Wind Speed
Composition	Initial:0.6 (m/s) ; final:0.2 (m/s)
	Wind Speed Range
	0.2-0.6 (m/s)
	Noise Level
	≤62db
	Vibration Semi-Peak Value
	≤3um
Controller	Work Surface Bearing
	10kg
	Inner Chamber
	SUS304 Stainless steel plate
	Outer Shell
	Cold rolling steel electrostatic spraying exterior
	Operation Door
Composition	Tempered glass
	Operation Door Biggest Opening
	310mm
	Pre-Filter
	Polyurethane
	LED Lamp
	8W*1
Controller	UV Lamp
	8W*1
	Top Fan
	90W one piece
	Display
	LED
	Wind Speed Control
Composition	Intelligent multi-level adjustable
	Additional Function
	One key to open and close lighting sterilization
Controller	Inner Size (W*D*H)(mm)
	480*340*370
Composition	Exterior Size (W*D*H)(mm)
	550*460*700



Bioevopeak (China)



LCB-V550P
ราคา 31,590 บาท *



High-Quality&Ergonomic Construction
Stainless steel worktop
Ergonomic Control Panel Location



HEPA Filter
HEPA filter Creates ISO Class 5 work-zone



Quiet Operation
Comfortable noise at 62 dBA
Reduce fatigue and improve work concentration



Energy-efficient
Stable airflow, despite building voltage fluctuations & filter loading

Clean Bench & Laminar Flow

- Airflow circulation 100% discharged to indoor space



- HEPA, with high efficiency up to 99.99% @ 0.3um
- Special design for conducting filter integrity testing



Special design for ensuring uniform air outflow



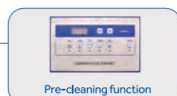
- One-piece workbench made of 304 stainless steel
- 6mm ultraviolet-proof tempered glass



- Universal caster for moving conveniently
- Special underframe design for ensuring high stability



- Ergonomic design with top air inflow
- Built-in interior lighting, to avoid eyestrain



Pre-cleaning function



Ergonomic design of drop-down front window



- UV lamp interlocking, patented technology
- UV lamp one-touch
- appointment / startup delay, patented technology



Haier (China)

HCB-900V

Inner Size (WxDxH) 900*530*520 mm
External Dimension (W*D*H) 970*630*1730 mm

ราคา 143,800 บาท *

HCB-1300V

Inner Size (WxDxH) 1300*530*520 mm
External Dimension (W*D*H) 1370*630*1730 mm

ราคา 156,300 บาท *

HCB-1300H

Inner Size (WxDxH) 1310*550*750 mm
External Dimension (W*D*H) 1380*790*1960 mm

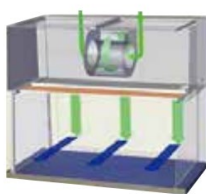
ราคา 166,300 บาท *

■ Clean air after cleaned ■ Ambient air

HCB-900V
HCB-1300V



Clean bench,
vertical airflow



Clean bench,
horizontal airflow

HCB-1300H

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สอบถามข้อมูลได้ที่ บริษัท สมาร์ท ไซออนซ์ จำกัด



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*ราคายังไม่รวม VAT 7%

LCB-V800J/LCB-V1400J, Vertical Type

With reasonable and safe structure design

Cleanliness level :
ISO Class 5 (Class 100)

Intelligent LCD displays system parameters

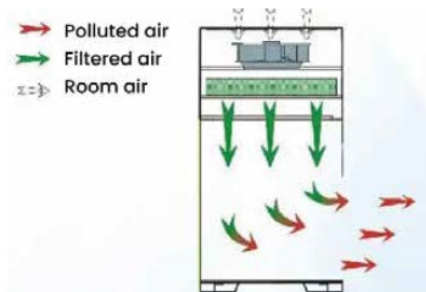


sample



- Filtration efficiency is 99.995% ($\geq 0.3\mu\text{m}$ particles)
- The outer box adopts the cold-rolled steel plate spraying process which can effectively inhibit the growth of bacteria.

Model	LCB-V1400J	LCB-V800J
Airflow mode	Vertical air supply	
Cleanliness level	ISO Class 5 (Class 100)	
Colony amount	≤ 0.5 pcs/dish/h ($\phi 90\text{mm}$ culture dish)	
Downflow velocity	0.25-0.6m/s (adjustable)	
Sound emission	$\leq 65\text{dBA}$	
Illuminance	$\geq 300\text{LX}$	
Vibration half-peak value	$\leq 3\mu\text{m}$ (X,Y,Z direction)	
Max. power consumption	500W	350W
Net weight	120kg	85kg
Work area dimensions	1400*580*520mm	800*580*520mm
External dimensions	1500*695*1650mm	900*695*1650mm
Applicable number of people	Double-person and single surface	Single-person and single surface
ราคา	115,650 บาท *	85,890 บาท *



LCB-H800J/LCB-H1600J, Horizontal Type

With reasonable and safe structure design

Adopts aluminum frame high-efficiency filter

High-quality stainless steel, corrosion-resistant, easy-to-clear work surface

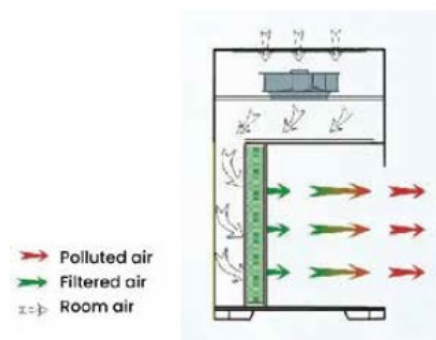


sample



- Filtration efficiency is 99.995% ($\geq 0.3\mu\text{m}$ particles)
- The outer box adopts the cold-rolled steel plate spraying process which can effectively inhibit the growth of bacteria.

Model	LCB-H800J	LCB-H1600J
Airflow mode	Horizontal air supply	
Cleanliness level	ISO Class 5 (Class 100)	
Colony amount	≤ 0.5 pcs/dish/h ($\phi 90\text{mm}$ culture dish)	
Downflow velocity	0.2-0.5m/s (adjustable)	0.25-0.6m/s (adjustable)
Sound emission	$\leq 65\text{dBA}$	
Illuminance	$\geq 300\text{LX}$	
Vibration half-peak value	$\leq 5\mu\text{m}$ (X,Y,Z direction)	
Max. power consumption	350W	500W
Net weight	80kg	130kg
Work area dimensions	800*520*620mm	1600*520*620mm
External dimensions	900*750*1700mm	1700*750*1700mm
Applicable number of people	Single person operation	Single person operation
ราคา	85,890 บาท *	140,450 บาท *



*ราคายังไม่รวม VAT 7%



LCB-VF series, Vertical Type

Model	LCB-V3F	LCB-V4F	LCB-V5F	LCB-V6F
External Dimensions(W*D*H)(mm)	1050*708*1850	1320*708*1850	1625*708*1850	1930*708*1850
Internal Dimensions(W*D*H)(mm)	950*615*625	1220*615*625	1525*615*625	1830*615*625
Control System	Microprocessor controller with LCD display, graphical and digital display of the operating status of each function.			
Work Surface Height	750mm			
Airflow Velocity	Adjustable, 0.2-0.5 m/s			
HEPA Filter Efficiency	> 99.995% at particle size of 0.3 μm			
Pre-Filter	1 pc, made of washable polyester fiber			
Sound Emission	≤62dB(A)			
Fluorescent Lamp	LED Type, Intensity ≥900Lx			
UV Lamp	With timing function, Interlock with front sliding sash. Emission of 253.7 nanometers for best sterilization effect.			
Power Consumption	155W	285W	285W	300W
Cabinet Construction	Doesn't include external device connected via power socket			
	Main Body: Electro-galvanized steel with antimicrobial Powder Coating			
	Work Zone: Stainless steel, grade 304			
Electricity	Manual Sliding Sash: 5 mm UV Resistant Tempered Glass with counter-balance system and ergonomic handle			
	Side Windows: 5 mm UV Resistant tempered glass			
Standard Accessories	AC220V ±10%, 50/60Hz,1P Base stand;LED lamp;UV lamp;Waterproof socket*2 (only 1 for LCB-V3F);Foma casters			
ราคา (บาท*)	81,450	99,550	122,150	135,750



controller with LCD display



HEPA filter



Brushed stainless steel work surface



Waterproof socket



UV lamp



sample



Applications

- Microbiology (non-pathogenic)
- Forensics
- Sterile product compounding



LCB-VF series, Horizontal Type

Model	LCB-H3F	LCB-H4F	LCB-H5F	LCB-H6F
External Dimensions(W*D*H)(mm)	1050*650*1950	1320*650*1950	1625*650*1950	1930*650*1950
Internal Dimensions(W*D*H)(mm)	950*490*574	1220*490*574	1525*490*574	1830*490*574
Control System	Microprocessor controller with LCD display, graphical and digital display of the operating status of each function.			
Work Surface Height	750mm			
Airflow Velocity	Adjustable, 0.2-0.5 m/s			
HEPA Filter Efficiency	> 99.995% at particle size at 0.3 μm			
Pre-Filter	1 pc, made of washable polyester fiber			
Sound Emission	≤62dB(A)			
Fluorescent Lamp	LED type, Intensity ≥900Lx			
UV Lamp	With timing function, Interlock with front sliding sash. Emission of 253.7 nanometers for best sterilization effect.			
Power Consumption	165W	305W	405W	510W
Cabinet Construction	The power consumption does not include external device connected via power socket			
	Main Body: Electro-galvanized steel with antimicrobial powder coating			
	Work Zone: Stainless steel, grade 304			
Electricity	Manual Sliding Sash: 5 mm UV resistant tempered glass with counter-balance system and ergonomic handle			
	Side Windows: 5 mm UV resistant tempered glass			
Standard Accessories	AC220V ±10%, 50/60Hz,1P Base stand;LED lamp; UV lamp; Waterproof socket*2; Foma casters			
ราคา (บาท*)	85,990	99,550	117,650	135,750



controller with LCD display



HEPA filter



Brushed stainless steel work surface



Waterproof socket



UV lamp



sample



Applications

- Plant tissue culture
- Media plate preparation
- Electronics inspection
- Medical device assembly



LCB-VA1300, Vertical Type

Model	LCB-VA1300
Flow Type	Vertical
Voltage/Frequency(V/Hz)	AC 220/50
Power(W)	1200
Vibration Amplitude(UM)	2
Exhaust Filter Typical Efficiency	H13 HEPA,99.99%@0.3um
Average Velocity (m/s)	0.2-0.5
Fluorescent Lamp Intensity(Lux)	≥300
Net/Gross Weight (approx.)	kg 150/178 lbs 330/392
Sound Emission dB(A)	62
Internal Dimensions(W*D*H)	mm 1300*516*520 in 51.2*20.3*20.5
External Dimensions(W*D*H)	mm 1370*611*1754 in 53.9*24.1*69.1
Packing Dimensions(W*D*H)	mm 1505*745*1280 in 59.3*29.3*50.4
Cleanliness Classification	ISO 14644.1 Class 5
Container Load (20'/40'/40'H)	10/25/25



(China)



Ergonomic design makes work more comfortable



One button start sterilization reservation function



UV lamp starts with a delay and is safe to use



Fan speed can be adjusted to meet user needs

LCB-VA1300 ราคา 107,450 บาท *

Classic Series Biosafety Cabinet, Type A2



sample



operator



environment

- Airflow circulation 70% circulated, 30% discharged

Haier (China)

BSC Type A2

HR30-IIA2

Inner Size (WxDxH) 900*610*680 mm

External Dimension (W*D*H) 1100*790*2200 mm

ราคา 260,000 บาท *

HR40-IIA2

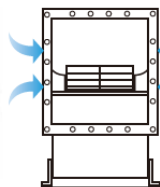
Inner Size (WxDxH) 1167*610*680 mm

External Dimension (W*D*H) 1415*905*1720 mm

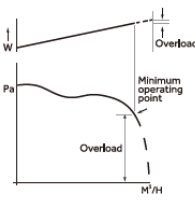
ราคา 298,800 บาท *



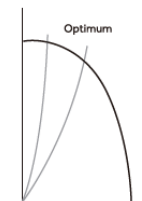
Reverse centrifugal fan



Double-side air inflow design decreases running noise



Air velocity auto-compensation function guarantees stable wind speed



Provide uniform airflow by adjusting working voltage of fan



Classic Series Biosafety Cabinet, Type B2

- Airflow circulation 100% discharged to outdoor space
- Power of Blower (W): AC115
- Downflow Velocity (m/s): 0.3
- Exhaust Filter Typical Efficiency: HEPA ,H14,99.995%@0.3um
- Main Filter Typical Efficiency: ULPA,U15,99.9995%@0.12um



sample



operator



environment

Haier (China)

BSC Type B2

HR40-IIB2

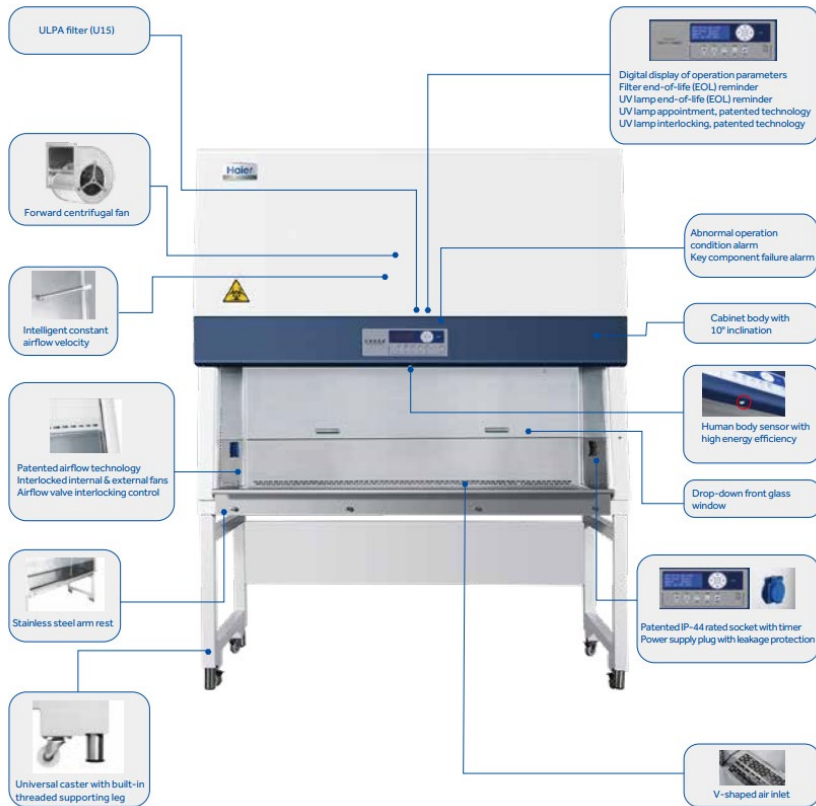
Inner Size (WxDxH) 1167*610*680 mm

External Dimension (W*D*H) 1360*790*2400 mm

ราคา 447,500 บาท *



Standard Biosafety Cabinet-Single HEPA



sample



operator



environment

Haier (China)

BSC Type A2

Single Exhaust Filter

HR900-IIA2

Inner Size (WxDxH) 920*620*650 mm

External Dimension (W*D*H) 1080*790*2160 mm

ราคา 381,300 บาท *

HR1200-IIA2

Inner Size (WxDxH) 1220*620*650 mm

External Dimension (W*D*H) 1380*790*2160 mm

ราคา 408,800 บาท *

HR1500-IIA2

Inner Size (WxDxH) 1520*620*650 mm

External Dimension (W*D*H) 1680*790*2160 mm

ราคา 480,000 บาท *

Standard Biosafety Cabinet



sample



operator



environment

Haier (China)

BSC Type A2

Single Exhaust Filter & Dual Fans

HR-1200-IIA2-S

Inner Size (WxDxH) 1310*620*630 mm

External Dimension (W*D*H) 1380*780*2160 mm

ราคา 431,300 บาท *



Standard Biosafety Cabinet-Dual HEPA



Haier (China)

BSC Type A2

Dual Exhaust Filter & Dual Fans



sample



operator



environment

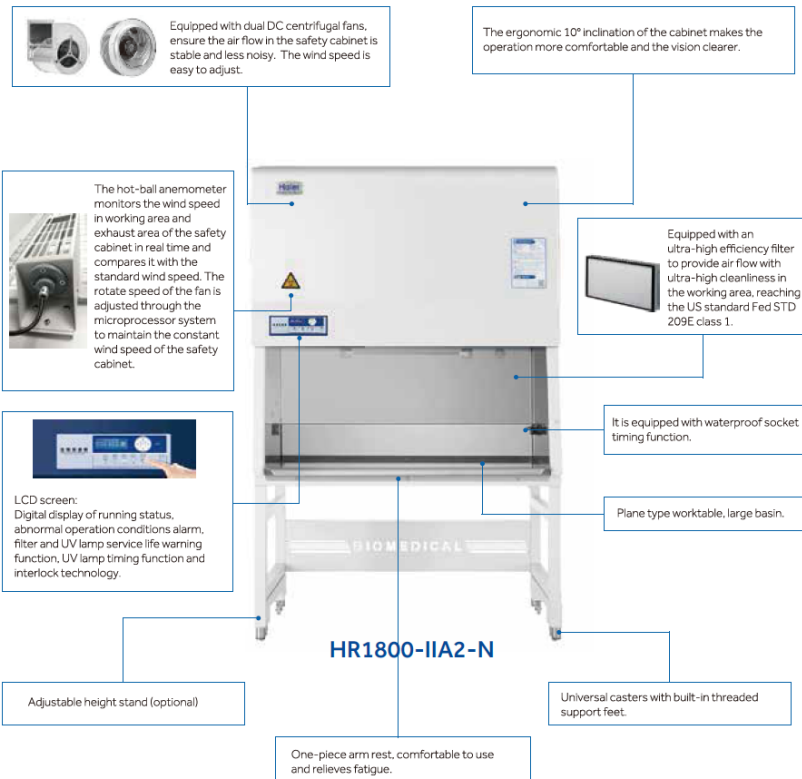
HR-1200-IIA2-D

Inner Size (WxDxH) 1310*620*630 mm

External Dimesion (W*D*H) 1380*780*2160 mm

ราคา 436,300 บาท *

NSF Series Biological Safety Cabinet



Haier (China)

BSC Type A2

NSF Certificate

Single Exhaust Filter & Dual Fans



sample



operator



environment

HR1200-IIA2-N

Inner Size (WxDxH) 1230*600*650 mm

External Dimesion (W*D*H) 1340*790*2160 mm

ราคา 431,300 บาท *

HR1800-IIA2-N

Inner Size (WxDxH) 1830*600*650 mm

External Dimesion (W*D*H) 1940*790*2160 mm

ราคา 566,300 บาท *



Biological Safety Cabinet (Touchscreen)

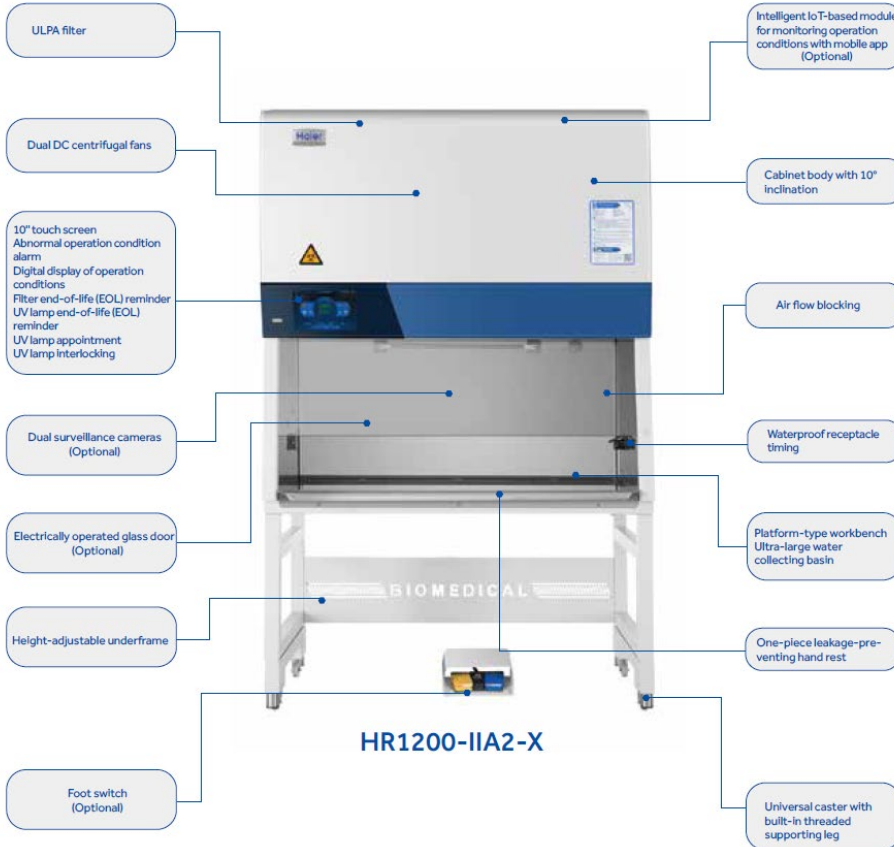


Haier (China)

BSC Type A2

Touchscreen Display

Single Exhaust Filter & Dual Fans



HR1200-IIA2-X

HR1200-IIA2-X

Inner Size (WxDxH) 1230*600*655 mm
External Dimesion (W*D*H) 1336*790*2120 mm
ราคา 523,800 *

HR1500-IIA2-X

Inner Size (WxDxH) 1530*600*655 mm
External Dimesion (W*D*H) 1636*790*2120 mm
ราคา 588,800 บาท *

HR1800-IIA2-X

Inner Size (WxDxH) 1830*600*655 mm
External Dimesion (W*D*H) 1936*790*2120 mm
ราคา 741,300 บาท *

PURICUBE NEO

GRYSTE
(Korea)

Features

Bio Safety Cabinet (Class II type A2)

- 70% recirculated air is filtered with the HEPA filter, ensuring product safety is assured.
- 30% exhausting air is emitted through the HEPA filter, which complies with the environmental safety requirements of the laboratory.
- 99.995% efficiency filter that can filter up 0.3 μ m.
- Sizes : 900, 1200, 1500, 1800 mm



สอบถามราคาคุณพูนทวงงานขาย

PURICUBE 1200 (PCB-1200)

GRYSTE
(Korea)

Features

Bio Safety Cabinet (Class II A2)

- Two pieces of 0.3 μ m Particle removal 99.995% HEPA filters
- Function to control wind speed in 9 steps
- Differential Manometer to check HEPA filter status



สอบถามราคาคุณพูนทวงงานขาย

