

VENTILATION PROTECTION

Biological Safety Cabinet

Laminar Flow Cabinet

PCR Cabinet

Fume Hood

Air Purifier



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SCITEK

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ABOUT SCITEK

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CONTENT

Class II A2 Biological Safety Cabinet.....	01
Class II B2 Biological Safety Cabinet.....	05
Class I Biological Safety Cabinet.....	09
Cytotoxic Safety Cabinet.....	17
Class III Biological Safety Cabinet.....	19
Laminar Flow Cabinet.....	21
PCR Cabinet.....	35
Fume Hood.....	39
Mobile Fume Extractor.....	55
Accessories.....	57
Pathology Workstation.....	65
Pass Box.....	67
Air Shower.....	68
Dispensing Booth.....	69
Air Purifier.....	70



ISO 14001



ISO 9001



ISO 45001



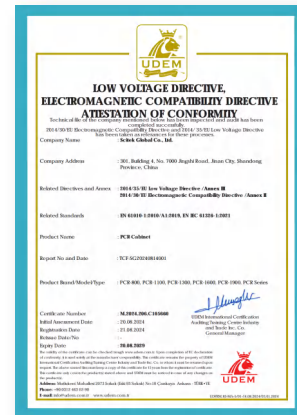
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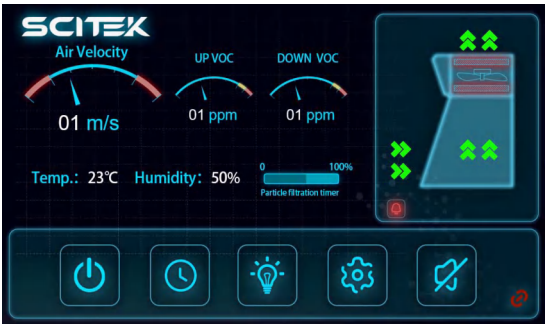
CE

Ductless Fume Hood



Description

Ductless fume hood is a ventilation device used in laboratory and industrial environments, providing a safe and efficient air filtration and exhaust system to protect operators and the environment from harmful gases and particles. Its main feature is that it does not require the installation of a duct system, allowing for flexible placement in any desired location. It utilizes chemical/HEPA filters and a fan system to effectively filter and remove harmful substances from the air, including toxic gases, chemicals, microorganisms, and particles.



7" Color Touch Screen

Advantage

- Powerful filtration system can be configured with HEPA filters and chemical filters according to customer requirements, effectively filtering and removing harmful substances to ensure a safe operating environment and protect personnel from harm.
- Easy to operate, equipped with a 7-inch LCD color touchscreen, it displays real-time parameters such as air velocity, VOC concentration, temperature and humidity, and filter lifetime. This achieves excellent human-machine interaction.
- Humanized design, three-sided acrylic transparent material observation window, convenient for multi-angle observation.
- Low noise design, using high-quality DC centrifugal blower to ensure performance while providing users with a quiet working environment.
- Optional upgrade LED lamp.

Ra98 Color Rendering Index, restore the true color of the experimental object, experimental result is more accurate.

RG0 without blue light, protects the operator from blue light.

Specification

Model		FMH-800DL
External Size (W×D×H)		800×620×1130 (Without Base Stand) 800×620×1800 (With Base Stand)
Internal Size (W×D×H)		780×540×775mm
Max. Opening		650mm
Operation Surface Height		690mm
Control System		7" color touch screen, real-time display air velocity, VOC concentration, temperature and humidity, and filter life time etc
Airflow System	Airflow Velocity	0.4-0.6m/s, speed adjustable
	Filter	1pcs Pre-filter, Polyester fiber, washable 1pcs Active Carbon filter
Cabinet Construction	Main Body	Electro-galvanized steel with antimicrobial Powder Coating
	Work Surface	304 Stainless Steel, Max. loading of work surface: 70kg
	Front Window	Manual acrylic window
Electrical System	LED Lamp	16W×2
	Blower	DC Centrifugal blower, adjustable speed, low noise
	Consumption	60W
	Power Supply	220V±10%, 50/60HZ; 110V±10%, 60Hz
Sound Emission		≤50dB(A)
Standard Accessory		1.Active Carbon Filter×1; 2. Pre-Filter×1; 3.LED Lamp×2
Optional Accessory		1.Base Stand; 2.Base Cabinet; 3.HEPA Filter; 4.Chemical filter; 5. Upgraded LED Lamp; 6.Solid Physico-chemical Board Work Surface
Net Weight		96kg
Gross Weight		138kg
Shipping Size (W×D×H)		1160×840×1320mm
Shipping Volume		1.3m³



Optional Upgrade LED Lamp



RG0 Without Blue Light



Anti-Glare Eye Protection



Ra98 High Color Rendering Index



Base Stand (Optional)



Base Cabinet (Optional)

Ductless Fume Hood



FMH-1000DL



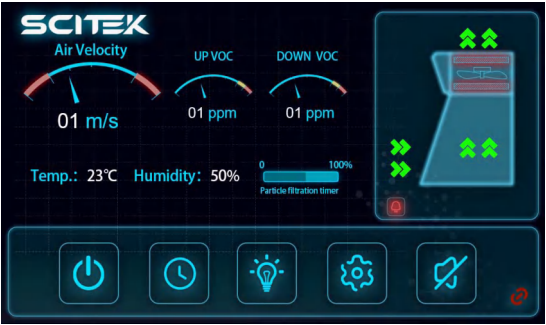
FMH-1200DL

Advantage

- Standard with Active carbon filter.
- Effectively filter harmful gases, particles, dust, bacteria and other harmful substances produced in the experiment process to ensure the cleanliness of the laboratory environment. It protects the Operator and environment.
- With a 7-inch LCD color touchscreen.
- It displays real-time parameters such as air velocity, VOC concentration, temperature and humidity, and filter lifetime. This achieves excellent human-machine interaction.
- With a real-time monitoring and alarm system.
- Which can monitor the surface Air velocity and the saturation degree of the filter in real time, and inform the user in time when there is an abnormal situation, to ensure the safety of operation.
- Low noise design.
- Using high-quality DC centrifugal blower to ensure performance while providing users with a quiet working environment.
- Humanized design.
- Three-sided acrylic transparent material observation window, convenient for multi-angle observation.
- Optional upgrade LED lamp.

Specification

Model		FMH-1000DL	FMH-1200DL
External Size (W×D×H)(mm)		1000×620×1800	1200×620×1800
Internal Size (W×D×H)(mm)		980×540×775	1180×540×775
Max.Opening		650mm	
Operation Surface Height		690mm	
Control System		7" color touch screen,real-time display air velocity, VOC concentration, temperature and humidity, and filter life time etc	
Airflow System	Airflow Velocity	0.4-0.6m/s, speed adjustable	
	Filter	1pcs Pre-filter, Polyester fiber,washable	2pcs Pre-filter, Polyester fiber,washable
Air Filtration System	Filter	1pcs Active Carbon filter	2pcs Active Carbon filter
Cabinet Construction	Main Body	Electro-galvanized steel with antimicrobial Powder Coating	
	Work Surface	304 Stainless Steel, Max.loading of worksurface: 70kg	
	Front Window	Manual acrylic window	
Electrical System	LED Lamp	16W×2	
	Blower	DC Centrifugal blower, adjustable speed, low noise	
	Consumption	60W	120W
	Power Supply	220V±10%, 50/60HZ; 110V±10%, 60Hz	
Sound Emission		≤50dB(A)	
Standard Accessory		1.Base Stand; 2.Active Carbon Filter; 3. Pre-Filter; 4.LED Lamp×2	
Optional Accessory		1.Base Cabinet; 2.HEPA Filter; 3.Chemical Filter; 4. Upgraded LED Lamp; 5.Solid Physicochemical Board Work Surface	
Net Weight(kg)		96	113
Gross Weight(kg)		138	160
Shipping Size (W×D×H)(mm)		1160×840×1320	1360×840×1320
Shipping Volume (m³)		1.3	1.5



7" Color Touch Screen

Environment Condition

- Room temperature: 20-35 C .
- Relative humidity 30-85%.
- The number of air changes per hour in the laboratory is not less than 6 times.
- Voltage fluctuation should be controlled within ±10%.



Base Cabinet (Optional)



Optional Upgrade LED Lamp



RG0 Without Blue Light



Anti-Glare Eye Protection



Ra98 High Color Rendering Index

Ductless Fume Hood



FMH-800DL(II)/FMH-1000DL(II)



FMH-1200DL(II)/FMH-1600DL(II)



Air Velocity Sensor

Specification

Model		FMH-800DL(II)	FMH-1000DL(II)
External Size(W×D×H)(Main Unit)		800×620×1100mm	1000×620×1100mm
External Size(W×D×H)(Base Cabinet)		800×600×690mm	1000×600×690mm
Internal Size(W×D×H)		780×570×775mm	980×570×775mm
Control System	Display	7-inch LCD touch screen	
	Alarm	Filter saturation alarm; VOC alarm;Fan system failure alarm	
Airflow System	Airflow Velocity	0.4~0.6m/s	
	Airflow Volume	130m³/h	130m³/h
Air Filtration System	Pre-Filter	1pcs	1pcs
	Active Carbon Filter	1group (1pc)	1group (1pc)
	Main Body	Galvanized steel sheet, diameter ≥1.5mm, Epoxy resin electrostatic spraying, corrosion resistance.	
Cabinet Construction	Work Surface	Epoxy resin, corrosion resistance, high temperature resistance	
	Window	Front and Side: ≥ 8.0mm acrylic board;	
Electrical System	LED Lamp	16W×1	16W×2
	PSC Blower	1pcs	1pcs
	Max.Consumption	60W	60W
	Power Supply	AC220V±10%, 50/60HZ; 110V±10%, 60Hz	
Sound Emission		≤52dB(A)	
Standard Accessory		Base Cabinet, Active carbon filter, Pre-filter, LED lamp, LCD touch screen, PSC blower, Real time temperature environmental monitoring system; Air Velocity Sensor	
Optional Filters	Filter Type	OG: Organic filter, AG: Inorganic filter, AM: Ammonia gas filter, FO: Formaldehyde filter, HEPA H14: HEPA filter (Customer can choose any two type filters according to the type of chemicals to operate.)	
	Max.Groups of Filter	2group (2pcs)	2 group (2pcs)
		(Note: Each group filters need to be same, customer can only choose up to two type filters.)	
N.W/G.W (Main Unit)		102/122kg	114/144kg
N.W/G.W (Base Cabinet)		54/69kg	62/82kg
Shipping Size(W×D×H)(Main Unit)		860×680×1450mm	1060×680×1450mm
Shipping Size(W×D×H)(Base Cabinet)		860×620×900mm	1060×620×900mm
Shipping Volume		1.4m³	1.7m³

Description

FMH-DL Series ductless fume hood is designed specifically to protect the safety of laboratory personnel during experimental operations. It can prevent operators from inhaling toxic, harmful, disease causing, or unknown toxic chemicals during experiments. It efficiently purifies ventilation cabinets and the air inside the laboratory.

Advantage

- Real time temperature and humidity environmental monitoring system, displaying temperature and humidity, setting alarm parameters to ensure product safety.
- With Filter saturation alarm system: The product is equipped with double-layer filters and dual VOC probes. One probe monitors indoor air quality and the other monitors filter saturation status. The filter is set to a saturation alarm value, which will sound an alarm if it exceeds the range. When the concentration exceeds the set value for a long time, the filter needs to be replaced.
- With advanced filtering module system, according to experimental requirements, to meet various different experiments.Fully adsorbs harmful gases, particulate dust, and other substances generated during filtration experiments.
- Provide API interfaces and support third-party platform docking functionality.
- With Automatic Closed-Loop Airflow Velocity Control System.

Specification

Model		FMH-1200DL(II)	FMH-1600DL(II)
External Size(W×D×H)(Main Unit)		1200×620×1100mm	1600×620×1100mm
External Size(W×D×H)(Base Cabinet)		1200×600×690mm	1600×600×690mm
Internal Size(W×D×H)		1180×570×775mm	1580×570×775mm
Control System	Display	7-inch LCD touch screen	
	Alarm	Filter saturation alarm; VOC alarm;Fan system failure alarm	
Airflow System	Airflow Velocity	0.4~0.6m/s	
	Airflow Volume	260m³/h	260m³/h
Air Filtration System	Pre-Filter	2pcs	2pcs
	Active Carbon Filter	1group (2pc)	1group (2pc)
	Main Body	Galvanized steel sheet, diameter ≥1.5mm, Epoxy resin electrostatic spraying, corrosion resistance.	
Cabinet Construction	Work Surface	Epoxy resin, corrosion resistance, high temperature resistance	
	Window	Front and Side: ≥ 8.0mm acrylic board;	
Electrical System	LED Lamp	16W×2	10W×4
	PSC Blower	2pcs	2pcs
	Max.Consumption	120W	120W
	Power Supply	AC220V±10%, 50/60HZ; 110V±10%, 60Hz	
Sound Emission		≤52dB(A)	
Standard Accessory		Base Cabinet, Active carbon filter, Pre-filter, LED lamp, LCD touch screen, PSC blower, Real time temperature environmental monitoring system; Air Velocity Sensor	
Optional Filters	Filter Type	OG: Organic filter, AG: Inorganic filter, AM: Ammonia gas filter, FO: Formaldehyde filter, HEPA H14: HEPA filter (Customer can choose any two type filters according to the type of chemicals to operate.)	
	Max.Groups of Filter	2group (4pcs)	2group (4pcs)
		(Note: Each group filters need to be same, customer can only choose up to two type filters.)	
N.W/G.W (Main Unit)		132/167kg	174/216kg
N.W/G.W (Base Cabinet)		90/115kg	114/142kg
Shipping Size(W×D×H)(Main Unit)		1360×680×1450mm	1690×680×1450mm
Shipping Size(W×D×H)(Base Cabinet)		1300×620×900mm	1660×620×900mm
Shipping Volume		2.1m³	2.6m³

Ductless Fume Hood

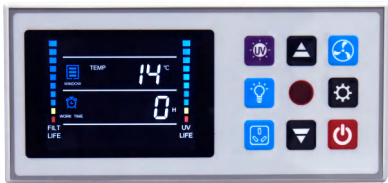


Humanized Design

- Ergonomic Control Panel Location, centered and angled down for an easy reach & viewing.
- Made of solid psychological board, resistant to strong acid and alkali.
- The non-direct light source design can effectively relieve the operator's visual fatigue under the condition of ensuring the illumination.
- Intuitive and easy-to-use microprocessor controller with LCD display, graphical and digital display of the operating status of each function, such as filter life, UV life etc.

Description

FMH series ductless fume hood is a kind of negative pressure ventilation system for protecting operator and laboratory, utilizes carbon filtration to protect laboratory personnel from toxic chemical fumes, odors, and particles. Known for its plug-and-play feature and mobility, ductless fume hood guarantees a hassle-free installation and no lab work interruption.



LCD Display
(Real-time show the Work time, Temperature, UV life, Filter life)



Waterproof Socket



UV Lamp



Water Tap And Sink
(Standard)



Work Surface



Gas Tap (Standard)



Active Carbon Filter
(Standard)

Safety Performance

- Front sliding sash interlock with fan and UV lamp.
- UV sterilization with UV lamp timing function.
- Front sash and side windows are made of UV-resistant tempered glass.
- The host and sockets have independent capacitors to prevent current overload.
- Memory function in case of power-failure.

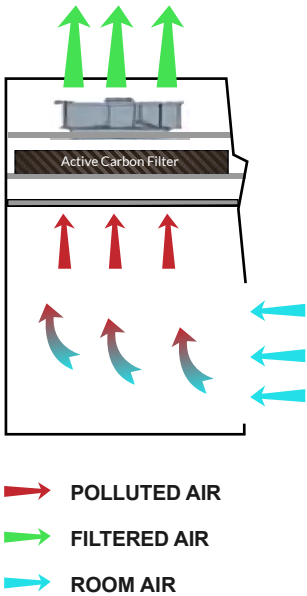
Advantage

- Memory function in case of power-failure.
- Filter and UV life indicators facilitate a timely replacement plan.
- Two side glass windows installed for easy experiment observation.
- Equipped with temperature sensor to show the real temperature during operation.
- Waterproof socket provide convenience for small instruments to be used in the operating area.

Specification

Model		FMH-1000D	FMH-1200D	FMH-1500D	FMH-1800D
External Size (W×D×H)(mm)		1000×850×2150	1220×850×2150	1525×850×2150	1830×850×2150
Internal Size (W×D×H)(mm)		880×730×745	1100×730×745	1405×730×745	1710×730×745
Max.Opening		520mm			
Work Surface Height		750mm			
Control System	Display	Microprocessor controller with LCD display, display the operating status of each function			
	Interlock	Front sliding sash interlock with fan and UV lamp			
	Life Indicator	Filter and UV life indicators facilitate a timely replacement plan			
Airflow System	Airflow Velocity	0.3~0.8m/s, speed adjustable			
Air Filtration System	Filter	1pcs Active Carbon Filter			
Cabinet Construction	Main Body	Electro-Galvanized steel with antimicrobial powder coating			
	Work Surface	Solid physicochemical board, resistant to acid and alkali			
	Front Window	Manual sliding sash: 5 mm UV resistant tempered glass with counter-balance system and ergonomic handle			
	Side Window	5 mm UV resistant tempered glass			
Electrical System	UV Lamp	20W×1	30W×1	30W×1	30W×1
		With timing function, Interlock with front sliding sash.			
		Emission of 253.7 nanometers for best sterilization effect.			
	LED Lamp	6.5W×1	9.6W×1	9.6W×1	9.6W×1
	Waterproof Socket	1pcs	2pcs	2pcs	2pcs
	Consumption	400W	500W	500W	500W
	Power Supply	Not include socket loading power consumption			
Illumination		AC220V±10%, 50/60HZ; 110V±10%, 60Hz			
Sound Emission		≥900Lux			
		≤68dB(A)			
Standard Accessory		1.Base Stand; 2.LED Lamp; 3.UV Lamp; 4.Waterproof Socket; 5.Water Tap; 6.Gas Tap; 7.Water Sink; 8.10m Exhaust Duct; 9.Active Carbon Filter			
Optional Accessory		Base Cabinet			
Net Weight (kg)		195	215	250	315
Gross Weight (kg)		250	280	330	390
Shipping Size (W×D×H)(mm)		1140×1100×1635	1360×1100×1635	1665×1100×1635	1970×1100×1635
Shipping Volume (m³)		2	2.5	3.1	3.6

Airflow Pattern



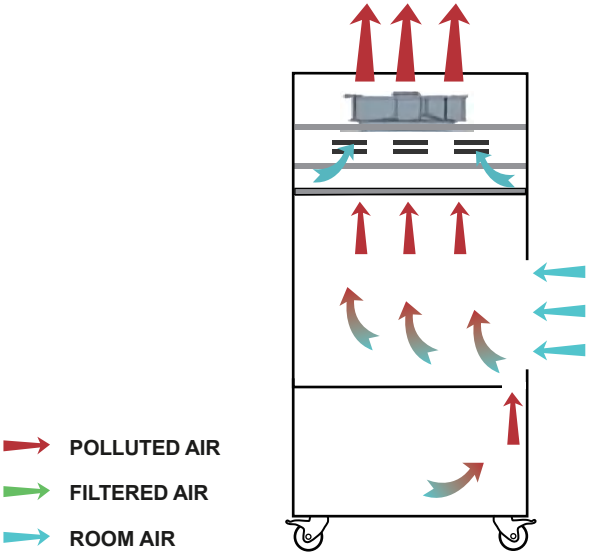
Ducted Fume Hood



Advantage

- New design, with a liquid collection tank behind the backpanel to collect the waste liquid generated during the experiment and reduce pollution.
- UV lamp for sterilization.
- Resistant to weak acid and alkali.
- Adjustable air speed.
- Manual or Motorized front window, height adjustable.
- Microprocessor control system, LCD display.
- Memory function in case of power failure.
- Front panel with bypass Grille, Sash air foil and bypass system achieve function of Air supplement. Meets North American fume hood design standards.

Airflow Pattern



Specification

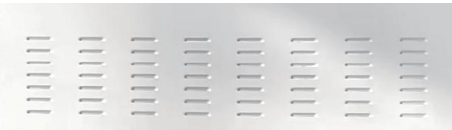
Model	FMH-1000DA FMH-1000DA(II)	FMH-1200DA FMH-1200DA(II)	FMH-1500DA FMH-1500DA(II)	FMH-1800DA FMH-1800DA(II)
External Size (W×D×H)(mm)	1040×800×2200	1240×800×2200	1540×800×2200	1840×800×2200
Internal Size (W×D×H)(mm)	820×670×730	1020×670×730	1320×670×730	1620×670×730
Max.Opening	520mm			
Work Surface Height	850mm			
Control System	Display	Microprocessor controller with LCD display, display the operating status of each function		
Airflow System	Airflow Velocity	0.3~0.8 m/s, speed adjustable		
Cabinet Construction	Exterior	Electro-Galvanized steel with antimicrobial powder coating		
	Interior	Compact laminate board with good acid and alkali resistance function		
	Work Surface	Chemical resistant phenolic resin		
	Front Window	Manual (FMH-DA series), Motorized (FMH-DA(II) series) 5mm toughened glass; Height adjustable.		
Electrical System	UV Lamp	20W×1	20W×1	30W×1
		With timing function, Interlock with front sliding sash.		
		Emission of 253.7 nanometers for best sterilization effect.		
	LED Lamp	8W×1	12W×1	16W×1
	Blower	Built-in centrifugal blower; Speed adjustable.		
	Consumption	400W	400W	500W
	Power Supply	Not include socket loading power consumption AC220V±10%, 50/60HZ; 110V±10%, 60Hz		
Illumination		≥900Lux		
Sound Emission		≤68dB(A)		
Standard Accessory		1.Base Cabinet; 2.UV Lamp×1; 3.LED Lamp×1; 4.Waterproof Socket×2; 5.Water Sink; 6.Water Tap; 7.Gas Tap; 8.Gas & Water Remote Control Valve; 9.10m PVC aluminum foil composite exhaust duct, Pipe strap×2 (Duct is retractable and can be cut freely)		
Optional Accessory		Active carbon filter/HEPA filter		
Gross Weight (kg)		286	317	350
Shipping Size (W×D×H)(mm)	Main Body	1190×990×1690	1390×990×1690	1690×990×1690
	Base Cabinet	1190×990×900	1390×990×900	1690×990×900
Shipping Volume (m³)		3.1	3.6	4.3

Description

FMH (DA) series Fume Hood is designed as a negative pressure ventilation system that ensures the safety of operators and the laboratory environment. It works by drawing room air inward through the front opening of the hood and continuously ventilating it with an extraction blower. This prevents the spread of contaminated fumes, vapors, toxic gases, aerosols, and corrosive substances that may be generated during experiments. Furthermore, an optional active carbon filter can purify the polluted air before it is exhausted through the duct, thereby protecting the outdoor environment as well.



Work Table
(Chemical resistant phenolic resin)



Sash Air Foil And Bypass System On Front Panel



LCD Display



Waterproof Socket



Gas & Water Tap



Gas & Water Remote Control

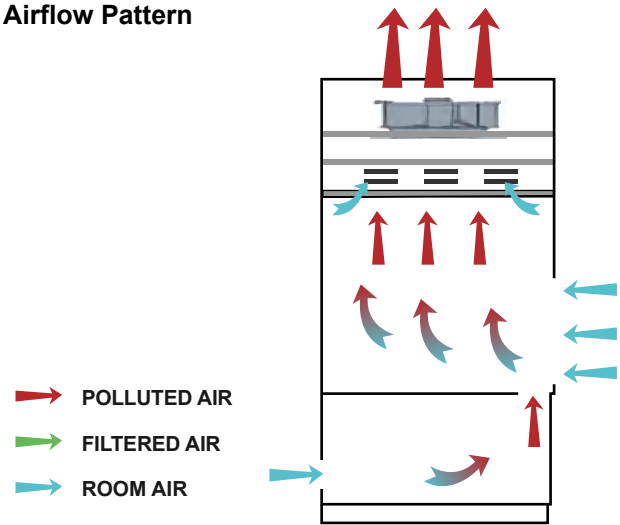
PP Fume Hood



Description

PP fume hood is suitable for the experiment of strong acid, strong alkali, strong corrosion and volatility. It can effectively protect the operator from inhaling toxic gases and protect the operator and sample safety. And dramatically reduces the risk of fire and explosion. The environment can also be protected by installing appropriate filters.

Airflow Pattern



Advantage

- The mainframe is made of PP (polypropylene) material, integrally welded.
- Resistant to strong acid, alkali and strong corrosion.
- Microprocessor control system, LCD display.
- The top adopts a top-shield suction design, and the deflector is made of homogeneous PP material, which has strong acid and alkali resistance.
- Without airflow dead angle, and the maximum exhaust gas capture performance can be obtained.
- The operating surface is equipped with water-retaining and anti-overflow treatment.

Specification

Model		FMH-1000DP	FMH-1200DP	FMH-1500DP	FMH-1800DP
External Size (W×D×H)(mm)		1047×800×2450	1247×800×2450	1547×800×2450	1847×800×2450
Internal Size (W×D×H)(mm)		787×560×700	987×560×700	1287×560×700	1587×560×700
Max.Opening		740mm			
Work Surface Height		820mm			
Control System	Display	Microprocessor controller with LCD display, display the operating status of each function			
Airflow System	Airflow Velocity	0.3~0.8 m/s, speed adjustable			
Cabinet Construction	Main Body	Made of Porcelain white PP, thickness 8mm, resistant to strong acid, alkali and anti-corrosion.			
	Work Surface	Chemical resistant phenolic resin			
	Front Window	Manual, 5mm toughened glass, height adjustable.Resistant to acid and alkali,			
Electrical System	LED Lamp	16W×2	16W×2	30W×2	36W×2
	Blower	Built-in PP centrifugal blower(2 blowers for FMH-1800DP only); Speed adjustable			
	Consumption	450W	450W	450W	900W
	Power Supply	Not include socket loading power consumption			
Illumination		≥900Lux			
Sound Emission		≤68dB(A)			
Standard Accessory		1.Base Cabinet;			
		2.LED Lamp;			
		3.Waterproof Socket×2;			
		4.Water Tap (PP);			
		5.Gas Tap (PP);			
		6.Gas & Water Remote Control Valve;			
		7.PP Water Sink;			
		8.Work Table: Solid physicochemical board, resistant to acid and alkali;			
		9.PP Centrifugal Blower×1(2 for FMH-1800DP only);			
		10.10m PVC aluminum foil composite exhaust duct, Diameter: 250mm; (2 pcs of 10m exhaust duct for FMH-1800DP only,duct is retractable and can be cut freely.) Pipe strap x2 (4 pcs for FMH-1800DP only);			
Optional Accessory		1.PP Work Table, epoxy resin board;			
Gross Weight (kg)	Main Body	2.Active Carbon Filter;	155	180	206
	Base Cabinet		99	114	140
Shipping Size (W×D×H)(mm)	Main Body	89	1388×938×1612	1688×938×1612	1988×938×1612
	Base Cabinet	1188×938×1612	1388×888×1000	1688×888×1000	1988×888×1000
Shipping Volume (m³)		1188×888×1000	3.4	4.1	4.8



Work Table (Chemical resistant phenolic resin)



Waterproof Socket



PP Water Sink



LCD Display



Gas & Water Tap



Gas & Water Remote Control

PP Spray Fume Hood with Scrubber



Description

PP Spray Fume Hood with Scrubber, it can exhasut harmful gases, dust, mist and steam from operation area, helping to protect operator from exposure to chemicals.

The whole structure includes: Spray system, Automatic Dosing System, Leakage alarm and Air flow monitor, etc. It's mainly suitable for water-soluble chemical operation.



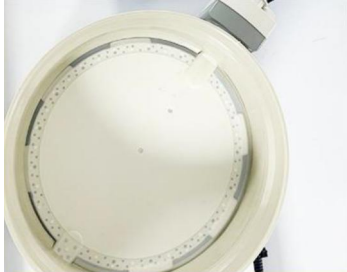
4.3"LCD Touch Screen
(Display working status, it can control blower, LED lamp, water pump, Air velocity sensor etc.)



PH Value Display,
support 485
communication
protocol



Acid and alkali
resistant pump



Electric Air
Valve
(The Angel of
the air valve can
be adjusted as
required.)

Structure Design

- The mainframe is made of PP (polypropylene) material, resistant to strong acid, alkali and strong corrosion.
- Double Channel Spray (with double scrubber), more cleaner, processing rate up to 90%.
- The main cabinet and the base cabinet are easy to disassemble and move.

Safety Protection

- Automatic dosing system.
- Built-in flushing system.
- Excellent pollution control performance.
- Base cabinet with bypass Grille, Sash air foil and bypass system achieve function of Air supplement.
- The flushing system behind the deflator washes away all perchlorate precipitates on the deflator, preventing any explosive salt buildup.
- Built-in water pump, ensures that the water pressure in the flushing system is constant.

Easy Maintenance

- The work surface is easy to clean.
- The interior of the cabinet is easy to disassemble, easy to maintain and clean.
- With maintenance access port, convenient engineer maintenance.

Specification

Model		FMH-900DP(S)	FMH-1200DP(S)	FMH-1500DP(S)	FMH-1800DP(S)
External Size (W×D×H)(mm)		900×1050×2275	1200×1050×2275	1500×1050×2275	1800×1050×2275
Internal Size (W×D×H)(mm)		770×500×900	1070×500×900	1270×500×900	1570×500×900
Max Opening		750mm			
Work Surface Height		800mm			
Spray System		Double Channel Spray (with double scrubber)			
PH Value		PH Value Display, support 485 communication protocol			
Control System	Display	4.3"LCD touch screen			
	Alarm	With Leakage alarm system			
Airflow System	Airflow Velocity	0.3-0.5m/s, speed adjustable			
	Air Volume	1000m³/h	1200m³/h	1600m³/h	1800m³/h
	Exhaust Outer diameter	Φ160mm	Φ250mm	Φ250mm	Φ300mm
Cabinet Construction	Main Body	PP (polypropylene) material			
	Work Surface	PP (polypropylene) material			
	Front Window	Manual door, PVC material			
Electrical System	LED Lamp	2×30W			
	Max.Consumption	200W (Not include socket loading power consumption)			
	Power Supply	AC 220V±10%, 50/60Hz, 110V±10%, 60Hz			
Illumination		800Lux			
Sound Emission		≤60dB(A)			
Standard Accessory		Air Velocity Sensor, Gas & Water Tap and Valve, Waterproof Socket×4, Electric Air Valve, LED Lamp×2, Water Pump, Double Washing System, Automatic Dosing System			
Optional Accessory		Epoxy Resin Work Surface, 0.3KW Centrifugal Blower, VAV variable air volume system			
Net Weight(kg)		160	250	300	380
Gross Weight(kg)	Main Body	150	220	270	300
	Base Cabinet	90	120	150	180
Shipping Size (W×D×H)(mm)	Main Body	1050×1270×1780	1350×1270×1780	1650×1270×1780	1950×1270×1780
	Base Cabinet	1050×1220×1020	1350×1220×1020	1650×1220×1020	1950×1220×1020
Shipping Volume (m³)		3.7	4.8	5.8	6.9

Mini Fume Hood



Description

Mini Fume Hood offers excellent flexibility and is perfect for small labs. It can easily vent contaminated air from the lab. The pre-filter cartridge is made of washable polyester fibre to meet a wide range of installation and application requirements. It utilizes Active carbon filter to protect operator and environment. Known for its plug-and-play feature and mobility, Ductless fume hood guarantees a hassle-free installation and no lab work interruption.



LCD Display
(Real-time show the Work time, Temperature, UV life, Filter life)

Advantage

- Microprocessor control system, LCD display.
- Standard with Active carbon filter.
- Manual front window is 5mm toughened glass, anti-oxidation.
- Air speed adjustable.
- Desktop type, with a handle, saving space and easy to move.
- With UV timing function from 0 to 999 minutes, Interlock with front sliding sash.

Specification

Model		FMH-500II
External Size (W×D×H)		580×460×700mm
Internal Size (W×D×H)		480×340×370mm
Max Opening		310mm
Control System		Microprocessor controller with LCD display, display the operating status of each function
Airflow System	Airflow Velocity	0.2~0.6m/s, Intelligent multi-level adjustable
	Filter	1pcs Active Carbon filter
Air filtration System	Filter	1pcs Active Carbon filter
	Partial air circulation	Perforations at the back wall of the work zone which are designed to eliminate air turbulence and the possibility of dead air corners in the work zone.
Cabinet Construction	Main Body	Electro-galvanized steel with antimicrobial powder coating
	Work Surface	304 Stainless steel
	Front Window	Manual, 5 mm UV resistant tempered glass
Electrical System	UV Lamp	8W×1
	LED Lamp	8W×1
	Consumption	110W
	Power Supply	AC220V±10%, 50/60HZ; 110V±10%, 60Hz
Sound Emission		≤62dB(A)
Colony Count		≤0.5pcs/vessel (petri dish is φ 90mm)
Vibration		≤3um
Work Surface Bearing		10kg
Standard Accessory		1.LED Lamp×1; 2.UV Lamp×1; 3.Active Carbon Filter×1
Net Weight		36kg
Gross Weight		41kg
Shipping Size (W×D×H)		710×590×850mm
Shipping Volume		0.36m³

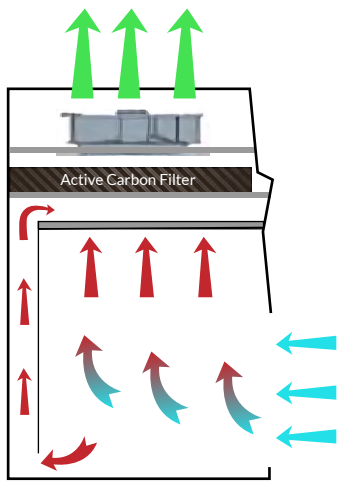


UV Lamp



Active Carbon Filter
(Standard)

Airflow Pattern



- ➔ POLLUTED AIR
- ➔ FILTERED AIR
- ➔ ROOM AIR



- 304 Stainless Steel work surface
- Perforations at the back wall of the work zone

which are designed to eliminate air turbulence and the possibility of dead air corners in the work zone.