

FUME HOOD



Industry

Life science

petrochemical & Energy

Biofermentation & Biopharma





About Us

Innova Bio-Meditech is one of the leading global providers of laboratory and medical devices. Firmly committed to our mission of "sharing innovative bio-meditech solutions with the world", we are dedicated to innovation in the fields of Biology Project, Life Science, Pharmacy Industry and Medical Treatment.

Innova Bio-Meditech possesses a sound distribution and service network with business partners in North and Latin America, Europe, Africa and Asia-Pacific etc, We have built up a well established R&D, manufacture network with 3 centers in Beijing, Qingdao, and shanghai. Inspired by the needs of our customers, we adopt advanced technologies and transform them into accessible innovation. This means constant effort and research, in order to more fully understand the developments of the market, produce constantly upgraded product ranges by adding new products year after year.

The passion for science

Content

Ducted fume hood	01
PP Fume Hood	01
All-steel fume hood	03
Ductless fume hood	05
Self-Cleaning Fume Hood	05
Self-Cleaning Fume Hood(full view window)	09

Ducted fume hood

PP Fume Hood

Product Description

Reverse osmosis water (RO water) has a wide range of uses that cover many areas, the following are its uses:

PP material fume hoods have the characteristics of strong acid and alkali resistance and corrosion resistance, overcoming the traditional fume hoods are prone to rust, yellowing, cracking and other defects in a concentrated acid environment. It is suitable for all kinds of high cleanliness laboratories, such as drug laboratories, food laboratories, semiconductor laboratories, trace metal laboratories, biological laboratories, etc. It is widely used in the chemical industry, medicine, automobile, universities and scientific research institutions and other industries.



Product Characteristics



Resistant to strong acids and bases

The whole is made of 8mm thick high quality PP (polypropylene) board, with strong acid, alkali and corrosion resistance of excellent



Various countertops available

Standard 12.7mm domestic solid-core physical board countertop (optional imported solid-core physical board countertop, epoxy resin countertop or PP countertop, etc.).



Top of the top volume type pumping design

Top of the top volume type pumping design, the deflector plate is made of homogeneous PP material, with excellent resistance to acid and alkali.



Mobile door

Mobile door: non-segmental design, light feeling; door glass is made of 5mm thick tempered glass, excellent performance.



Circuit equipment

- a. Switch: the use of integrated controller panel with liquid crystal display function, visual control of various parameters, including fan switch, damper switch, lighting switch, the total power switch
- b. Socket part: each fume hood is equipped with splash-proof cover 220V10A power socket 4 (optional high-power).



Other accessories

- a. Door handle: acid and alkali resistant PP material (color options: blue, magnetic white)
- b. Door hinge: acid and alkali resistant PP material (color available: blue, magnetic white)
- c. Air collector: made of acid and alkali resistant PP, standard with 250mm air outlet (air outlet size can be customized according to requirements)
- d. Deflector Clip: Acid and alkali resistant PP material (colors available: blue, light grey, black).
- e. Pulley: PP mute pulley, low friction, wear-resistant and corrosion-resistant.

All-steel fume hood series parameter table

Model	SCV120	SCV150	SCV180
Dimension (D×W×H) mm	1200×850×2350mm	1500×850×2350mm	1800×850×2350mm
Maximum sliding door opening	740mm(standard vertical adjustable door)		
Countertop Material	Standardly equipped with 12.7mm domestic solid-core physicochemical board countertops (optional imported solid-core physicochemical board countertops, epoxy resin countertops or PP countertops, etc.)		
Operation Windows	Tempered glass, thickness 5mm		
Hood	Adoption of cone-shaped indented air collecting hood		
	Standard configuration		
Lighting	Full-covered fluorescent lamps 30W×1	Full-covered fluorescent lamps 30W×1	Full-covered fluorescent lamps 40W×1
	AC220V/10A 4 pcs		
Circuit board	One each of fluorescent lamp, LCD panel type switch and master control circuit board		
Remote control water valve	Pure water 1pcs、 Tap water 1pcs (Optional)		
PP water channel	1pcs (Optional)		
	Optional Configuration		
	Various types of cups and troughs, gas Cocker, water Cocker, various types of fans, power sockets, explosion-proof lighting, venturi valve control, disc valve control, inverter control, touch screen, surface wind speed and temperature, sound and light alarms, etc. (Due to the large optional space for accessories, we will match the accessories with the requirements of the use of the actual use of the customer's needs and the control mode)		

All-steel fume hood

Product Characteristics



Shell material

the main body of 1.0mm high-quality cold-rolled steel plate, the surface of the epoxy resin electrostatic spraying.



Interior materials (side panel, back panel, top panel, deflector)

5mm thick anti-belts board, with good chemical resistance.



Sliding door can be adjusted to any position

Sliding door up and down device adopts the structure of elevator counterweight, stepless arbitrary stay, sliding door glass adopts 5mm toughened safety glass, sliding door handle pp material, good corrosion performance, sliding door next to the chemical corrosion-resistant plastic package.



No exposed screws

All the internal connection devices need to be hidden layout and corrosion resistance, no exposed screws.



Chemical resistance

The external connecting devices are chemical-resistant, with PVC wrapped stainless steel parts and non-metallic materials;



Exhaust outlet

the exhaust outlet is round, casing connection to reduce gas turbulence.



Countertop

12.7mm thick solid core physicochemical board countertop.



Accessories

PP small cup sink, single port gooseneck faucet, LCD control panel, LED lighting, electronic air valve, centrifugal fan, 220V 10A power socket and so on.

All-steel fume hood series parameter table

Model	SCV120B	SCV150B	SCV180B
Dimension (D×W×H) mm	1200×850×2350mm	1500×850×2350mm	1800×850×2350mm
Maximum sliding door opening	700mm(standard vertical adjustable door)		
Countertop Material	Standardly equipped with 12.7mm domestic solid-core physicochemical board countertops (optional imported solid-core physicochemical board countertops, epoxy resin countertops or PP countertops, etc.)		
Operation Windows	Tempered glass, thickness 5mm		
Hood	Adoption of cone-shaped indented air collecting hood		
	Standard configuration		
Lighting	LED lamp 30W×1	LED lamp 30W×1	LED lamp 40W×1
	AC220V/10A 4 pcs		
Circuit board	One each of fluorescent lamp, LCD panel type switch and master control circuit board		
Remote control water valve	Pure water 1pcs、 Tap water 1pcs (Optional)		
PP water channel	1 pcs (Optional)		
	Optional Configuration		
	Various types of cups and troughs, gas Cocker, water Cocker, various types of fans, power sockets, explosion-proof lighting, venturi valve control, disc valve control, inverter control, touch screen, surface wind speed and temperature, sound and light alarms, etc. (Due to the large optional space for accessories, we will match the accessories with the requirements of the use of the actual use of the customer's needs and the control mode)		

Ductless fume hood

Self-Cleaning Fume Hood

Product Introduction

INNOVA air purification type fume hood series is based on the product concept of compliance, environment, health and safety, equipped with activated carbon molecular filters and air particle filters, which can adsorb most of the chemical gases and harmful gases adsorbed by the filters in the filtration device, and the filtered air circulates indoors, and the air purification type fume hoods do not discharge the exhaust air to the outdoors, so that it reduces the energy consumption of air conditioning and ventilation systems (costs). The fume hoods are used in a variety of industries.

The application industry involves education and scientific research, inspection and quarantine, medical and health care, food and pharmaceutical, chemical and chemical industry, environmental safety, national defense and military industry and many other fields.



Self cleaning fume hood



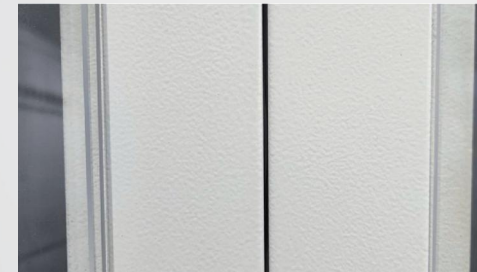
Magnetic suction fixtures

Using temperature and humidity VOC alarm, real-time monitoring of the situation in the cabinet is more intelligent.



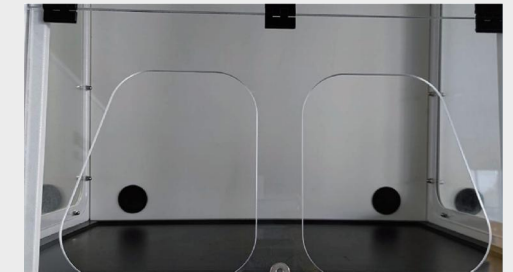
7-inch control screen

Environmental monitoring, fan monitoring and integrated alarm system, available LOT port.



High-quality cold-rolled steel cabinet

Electrostatic powder coating, covered with anti-chemical lead-free coating, strong corrosion resistance.



Acrylic transparent window

Transparent acrylic window with thickness >6mm is used, which is transparent and beautiful.



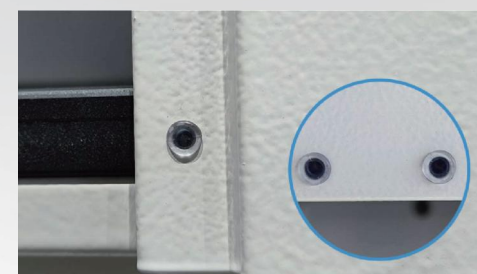
LED lights

Equivalent to 10W fluorescent lamp, no heat, safe and energy-saving, long service life.



Mesa of epoxy resin

Pp forming mould pallet layer board, acid and alkali resistance, height adjustable.



Impact-proof plug

Prevent yakeli board closed vibration and sound.



Magnetic suction fixtures

Magnetic suction and transparent operation version installed respectively, easy to operate.

Product Characteristics

- 1 Metal material \geq 1.2 high-quality cold-rolled steel plate, electrostatic powder coating, covered with durable anti-chemical lead-free coating;
- 2 Cabinet main material \geq 5mm transparent acrylic board windows excellent weather resistance, excellent chemical resistance;
- 3 Seven-inch LCD touch screen display, real-time temperature and humidity environment monitoring, fan monitoring, VOC concentration environment monitoring
- 4 Integrated alarm system;
- 5 Adopting high quality centrifugal fan with 24-volt current and stable performance
- 6 High-efficiency filtration system, following the ASTM standard effectively against acidic gases and organic gases, strong adsorption capacity;
- 7 No need to install pipeline engineering, easy installation, exhaust gas is not discharged, new environmental protection;
- 8 Epoxy resin countertop chemical stability, corrosion resistance, impact resistance, high temperature resistance performance is excellent;
- 9 LED lighting power equivalent to 10W fluorescent lamps, does not produce heat.

Self-Cleaning fume hood series parameter table

Model	SCV080A	SCV100A	SCV120A	SCV160A
Dimension (D×W×H) mm	880×700×2070	1000×700×2070	1275×700×2070	1600×700×2070
Number of filters	D type filter molders 2 sets		B type filter molders 6 sets	
(Machine) filter	240m ³ /h		300m ³ /h	
Ventilator	1 pcs		3 pcs	
Power	187W		307W	
Average surface wind speed	0.4~0.6m/s			
power supply	220V, 50Hz			
Countertop	Epoxy resin countertop (with optional physicochemical board or ceramic countertop)			
Screen	7-inch LCD touch screen			
Control/alarm systems	1 set			
Optional Configuration				
Various types of cups and troughs, gas Cocker, water Cocker, various types of fans, power sockets, explosion-proof lighting, venturi valve control, etc. (Due to the large optional space for accessories, we will match the accessories with the requirements of the use of the actual use of the customer's needs and the control mode)				

Self-Cleaning Fume Hood (full view window)

Product Characteristics

- 1 Metal material $\geq 1.2\text{mm}$ high-quality cold-rolled steel, electrostatic powder coating, covered with durable chemical-resistant lead-free coating;
- 2 Front and rear panels and side panels with a thickness of $\geq 15\text{mm}$ acrylic board windows excellent weather resistance, all-round observation of the internal situation;
- 3 Seven-inch LCD touch screen display, real-time temperature and humidity environment monitoring, fan monitoring, VOC concentration environment monitoring and integrated alarm system;
- 4 The use of high-quality centrifugal fan, 24-volt current, stable performance;
- 5 High-efficiency filtration system, following the ASTM standard effectively against acidic gases and organic gases, strong adsorption capacity;
- 6 No need to install pipework, easy installation, exhaust gas is not discharged, new type of environmental protection;
- 7 Epoxy resin countertop chemical stability, corrosion resistance, impact resistance, high temperature resistance performance is excellent;
- 8 LED lighting power equivalent to 10W fluorescent lamps, does not produce heat;
- 9 Can be placed on the desktop or configured with mobile wheel base, convenient and flexible, suitable for any complex experimental locations.



Self-Cleaning fume hood (full view window) series parameter table

Model	SCV080AA	SCV100AA
Dimension (D×W×H)	800×620×1245	1000×620×1245
Number of filters	D type filter molders 2 sets	
(Machine) filter	240m ³ /h	
Ventilator	1↑	
Power	60W	
Average surface wind speed	0.4~0.6m/s	
Power Supply	220V, 50Hz	
Countertop	Epoxy resin countertop (with optional physicochemical board or ceramic countertop)	
Screen	7-inch LCD touch screen	
Control/Alarm system	1 set	
Noise	50dB	
Lighting	LED lamp 1 set	
Optional Configuration		
Various types of cups and troughs, gas Cocker, water Cocker, various types of fans, power sockets, explosion-proof lighting, venturi valve control, etc. (Due to the large optional space for accessories, we will match the accessories with the requirements of the use of the actual use of the customer's needs and the control mode)		