IRIS ANALYTICAL



Fume Hoods

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Fume Hood FHS-1400 is used to protect lab environment and operator during general chemical applications. It actively protects operator from inhaling toxic vapours and dramatically reduces the risk of fire and explosion. By installing proper filter, it can also protect environment.

- UV lamp for sterilization.
- Motorized front glass window.
- Adjustable air speed: 9 levels.
- Alarm when filter working time 3500 hours.
- With air velocity memory function in case of power failure.
- Back side air compensation, to avoid turbulence in work area.
- 10°slope front ergonomics design, fatigue-free working posture.
- Microprocessor control system, LED display shows filter working time .
- Transparent side glass windows maximize light and visibility inside the cabinet, providing a bright and open working environment.

LED Display:

Digital LED display:Airflow Level



Water & Gas Tap, Water Sink



Foot switch

Use foot switch to adjust the height of front window



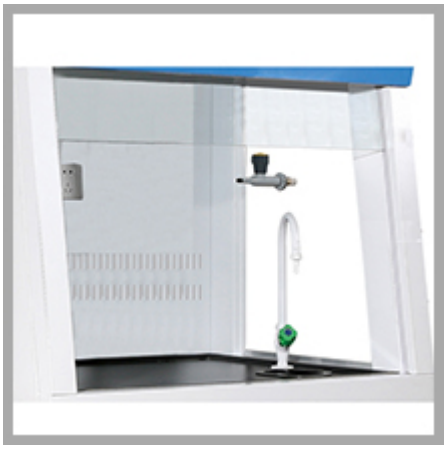
Observation Window

Transparent side glass windows maximize light and visibility inside the cabinet



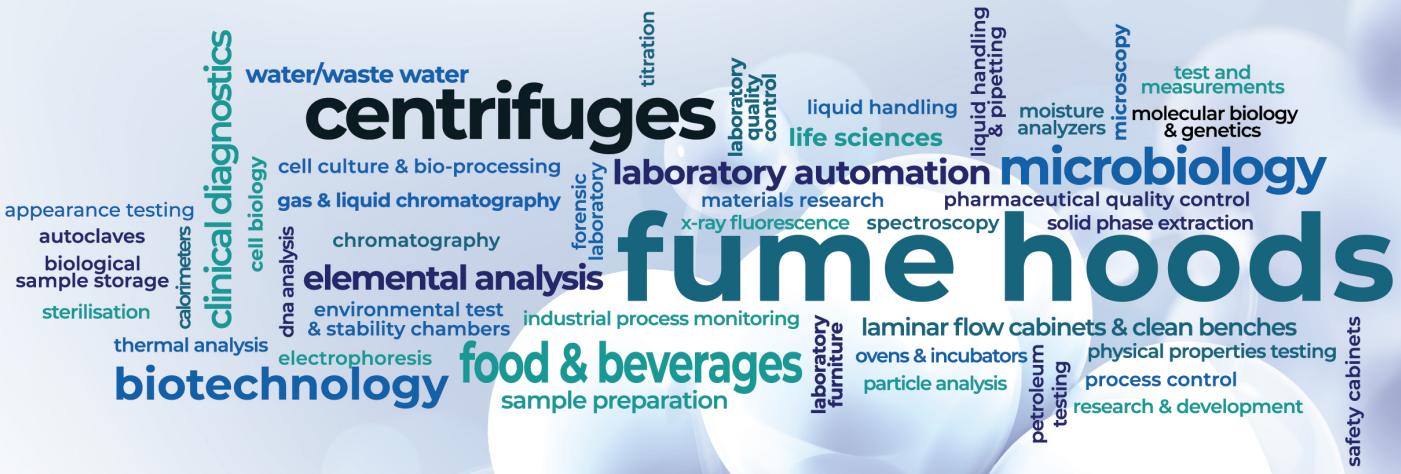
Back Side Air Compensation

To avoid turbulence in work area



Model	FHS-1400		FHS-1500		FHS-1700		FHS-1900	
External Size (W*D*H)	1000*840*2150mm		1200*840*2150mm		1500*840*2150mm		1800*840*2150mm	
Internal Size (W*D*H)	880*730*745mm		1080*730*745mm		1380*730*745mm		1680*730*745mm	
Capacity (liters)	478		587		750		913	
Max Opening	520mm							
Work Surface Height	750mm							
Blower	Built-in centrifugal blowers; Speed adjustable with 9 levels							
Air Velocity	0.3~0.8m/s							
Noise	?60dB							
Fluorescent Lamp	18W*1		18W*1		36W*1		36W*1	
UV Lamp	Emission of 253.7 nanometers for most efficient decontamination							
Front Window	Motorized;5 mm toughened glass, anti-UV							
Material	Exterior Body: Cold-rolled steel with anti-bacteria powder coating.							
	Work table: Solid chemical-resistant phenolic resin							
Power Supply	220V/ 50Hz; 220V/ 60Hz; 110V/60Hz							
Consumption	400W		400W		500W		500W	
Standard Accessory	Water tap; Gas tap; Water sink; Base stand,UV lamp*2, Fluorescent lamp							
	FH1000(X) with one waterproof socket not more than 500W, the other model with two waterproof sockets not more than 500W							
	4 meters exhaust duct							
	Active carbon filter							
	Foot switch							
Gross Weight	230kg		253kg		280kg		340kg	
Package Size(W*D*H?	1230*1120*1680 mm		1350*1120*1680mm		1650*1120*1680mm		1950*1120*1680mm	
Electrical Requirement	110V	220V	110V	220V	110V	220V	110V	220V
Catalogue No.								

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