

Fume Hood FHD-1600



Fume Hood FHD-1600 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

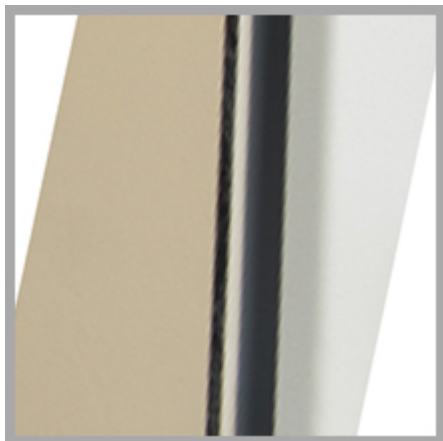


Water&Gas Remote Control



Double Layer

1.2mm sheet metal surface, melamine board inward.



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



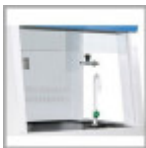
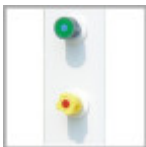
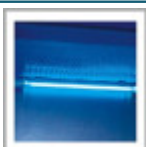
Technical Specification:

Model	FHD-1400
Internal Size (W*D*H) mm	1320*670*730mm
Capacity (liters)	645
External Size (W*D*H) cm	1540*800*2200mm
Max Opening (cm)	520mm
Front Window	5mm toughened glass; Motorized; Height adjustable
Noise	≤60dB
UV Lamp	Emission of 253.7 nanometers for most efficient decontamination
Fluorescent Lamp	28W*1
Display	LED Display
Exhaust Duct	Φ300mm PVC, Standard length: 4 meters
Material	Cold-rolled steel with anti-bacteria powder coating. High grade melamine board with good acid and alkali resistance function, Phenolic resin
Work Surface Height	850mm
Power Supply	220V/ 50Hz; 220V/ 60Hz; 110V/60Hz
Standard Accessories	UV lamp*2, Fluorescent lamp, Water tap, Gas tap, Water sink, Base cabinet Total load of 2 waterproof sockets: 500W 4 meter PVC exhaust duct, pipe strap
Optional Accessories	Active carbon filter
Gross Weight	370kg
Shipping Dimensions (W*D*H) cm	Main Body 1690*990*1690mm Base Cabinet 1690*970*970mm
Exhaust Blower	Built-in centrifugal blower; Speed adjustable
Electrical Requirements	220V/50Hz
Consumption	500W
Airflow Velocity (m/s)	0.3~0.8m/s

Technical Data:

Model		FHD-1400		FHD-1500		FHD-1600		FHD-1700	
External Size (W*D*H)		1040*800*2200mm		1240*800*2200mm		1540*800*2200mm		1840*800*2200mm	
Internal Size (W*D*H)		820*670*730mm		1020*670*730mm		1320*670*730mm		1620*670*730mm	
Capacity (liters)		401		498		645		792	
Work Surface Height		850mm							
Max Opening		500mm							
Air Velocity		0.3~0.8m/s							
Noise		?60dB							
Exhaust Duct		PVC, Standard length: 4 meters.							
		?300mm							
Pipe Strap		1 pc							
Fluorescent Lamp		14W*1		21W*1		28W*1		36W*1	
UV Lamp		Emission of 253.7 nanometers for most efficient decontamination							
Blower		Built-in centrifugal blower; Speed adjustable.							
Front Window		5mm toughened glass; Motorized; Height adjustable.							
Power Supply		220V±10%, 60/50Hz?110V±10%, 60Hz							
Consumption		400W		400W		500W		500W	
Material	Exterior	Cold-rolled steel with anti-bacteria powder coating.							
	Interior	High grade melamine board with good acid and alkali resistance function							
	Work Table	Phenolic resin							
Standard Accessories		UV lamp*2, Fluorescent lamp, Water tap, Gas tap, Water sink, Base cabinet							
		Total load of 2 waterproof sockets: 500W							
		4 meter PVC exhaust duct, pipe strap							
Optional Accessories		Active carbon filter							
Gross Weight (kg)		230kg		270kg		370kg		420kg	
Package	Main Body	1190*990*1690 mm		1390*990*1690 mm		1690*990*1690mm		1990*990*1690mm	
	Base Cabinet	1290*990*980mm		1390*990*980mm		1690*970*970mm		1990*990*980mm	
Electrical Requirements		110V		220V		110V		220V	
Catalogue No.									

Accessories:

Model	Image	Name	Details
		LED Display for Fume Hoods	LED Display Digital LED display: Airflow Level
		Water & Gas Tap, Water Sink for Fume Hoods	Water & Gas Tap, Water Sink
		Foot switch for Fume Hoods	Foot switch Use foot switch to adjust the height of front window
		Observation Window for Fume Hoods	Observation Window Transparent side glass windows maximize light and visibility inside the cabinet
		Back Side Air Compensation for Fume Hoods	Back Side Air Compensation: To avoid turbulence in work area
		Water & Gas Remote Control for Fume Hoods	Water & Gas Remote Control
		Water Sink for Fume Hoods	Water Sink
		Waterproof Socket for Fume Hoods	Waterproof Socket
		UV Lamp for Fume Hoods	UV Lamp
		PP Sink for Fume Hoods	PP sink



Iris Analytical Ltd.

66 W Flagler St #900 Miami, Florida 33130 United States