Fume Hood FHT-1500



The FHT-1500 Fume Hood is used to protect lab environment and operator during general chemical applications. It actively protects operator from inhaling toxic vapors and dramatically reduces the risk of fire and explosion. By installing proper filter, it can also protect environment.

- UV lamp for sterilization.
- Built-in centrifugal blower.
- Motorized front glass window.
- Adjustable air speed: 9 levels.
- Microprocessor control system, LED display.
- Double-layer structure: 1.2 mm sheet metal surface, melamine board inward.

LED Display:

Digital LED display: Airflow Level

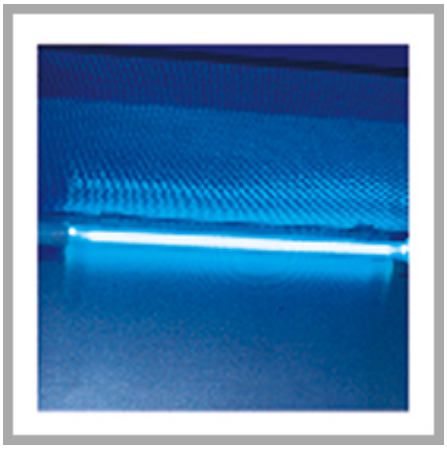


Water & Gas Tap Water Sink



UV Lamp

Emission of 253.7 Nanometers for most efficient decontamination.



Double Layers

1.2mm sheet metal surface, melamine board inward.



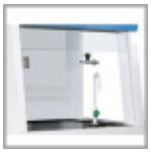
Technical Specification:

Model	FHT-1300
Internal Size （W*D*H） mm	1020*670*750mm
Capacity (liters)	510
External Size (W*D*H) cm	1200*800*2345mm
Max Opening (cm)	570mm
Front Window	5mm toughened glass; Motorized; Height adjustable
Noise	≤60dB
UV Lamp	Emission of 253.7 nanometers for most efficient decontamination
Fluorescent Lamp	21W*1
Display	LED Display
Exhaust Duct	Φ300mm PVC, Standard length: 4 meters
Material	Exterior: Cold-rolled steel with anti-bacteria powder coating. Interior: High grade melamine board with good acid and alkali resistance function Work Table: Solid chemical resistant 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, Pipe strap. Total load of 2 waterproof sockets: 500W 4 meters PVC exhaust duct
Gross Weight	302kg
Shipping Dimensions (W*D*H) cm	Main Body: 1350*950*1920mm Base Cabinet: 1350*950*900mm
Exhaust Blower	Built-in centrifugal blower; Speed adjustable
Electrical Requirements	220V/50Hz
Consumption	400W
Airflow Velocity (m/s)	0.3~0.8m/s

Technical Data:

Model		FHT-1300		FHT-1500		FHT-1600		FHT-1800	
External Size (W*D*H) mm		1000*750*2320mm		1200*800*2345mm		1500*800*2345mm		1800*800*2345mm	
Internal Size (W*D*H) mm		820*620*750mm		1020*670*750mm		1320*670*750mm		1620*670*750mm	
Internal Size (W*D*H) mm		381		512		663		814	
Work Surface Height (mm)		850mm							
Max Opening (mm)		520mm		570mm		570mm		570mm	
Air Velocity (m/s)		0.3~0.8m/s							
Protection Class		Class I							
Protection Type		IP 20							
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/ 50Hz; 220V/ 60Hz; 110V/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	Solid chemical resistant phenolic resin							
Standard Accessories		UV lamp*2, Fluorescent lamp, Water tap, Gas tap, Water sink, Base cabinet, Pipe strap.							
		Total load of 2 waterproof sockets: 500W							
		4 meters PVC exhaust duct							
Optional Accessories		Active carbon filter							
Gross Weight (kg)		272kg		302kg		331kg		366kg	
Package Dimensions (mm)	Main Body	1150*900*1870 mm		1350*950*1920mm		1650*950*1890mm		1950*950*1900mm	
	Base Cabinet	1150*900*960mm		1350*950*900mm		1650*960*910mm		1950*960*910mm	
Electrical Requirements		110V	220V	110V	220V	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