Fume Hood FHP-1600



The FHP-1600 Fume Hood 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.

- It is safer to use anti-corrosive water tap.
- Microprocessor control system, LCD display
- Made of porcelain white PP, resistant to strong acid, alkali and anti-corrosion.
- Front window which is made of thick transparent toughened glass maximize light and visibility inside the fume hood, providing a bright and open working environment.

LCD Display



Waterproof Socket



PP sink

Resistant strong acid, alkali and anti-corrosion



Water & Gas Remote Control Valve



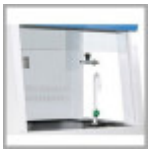
Technical Specification:

Model	FHP-1600
Internal Size （W*D*H） mm	1320*570*872mm
Capacity (liters)	650
External Size (W*D*H) cm	1540*800*2200mm
Max Opening (cm)	815mm
Front Window	Manual, 5mm toughened glass, height adjustable
Noise	≤60dB
UV Lamp	Emission of 253.7 nanometers for most efficient decontamination
Fluorescent Lamp	30W*1
Display	LED Display
Exhaust Duct	Φ300mm PVC, Standard length: 4 meters
Material	Made of Porcelain white PP, thickness 8mm, resistant to strong acid, alkali and anti-corrosion Chemical resistant phenolic resin
Work Surface Height	700mm
Power Supply	220V/ 50Hz; 220V/ 60Hz; 110V/60Hz
Standard Accessories	Fluorescent lamp, Water tap, Gas tap, Water Sink, Base cabinet Waterproof socket*2 4 meter PVC duct, Diameter:250mm
Optional Accessories	PP work table, epoxy resin board or ceramic board. Outer centrifugal blower, resistant to strong acid, alkali.
Gross Weight	225kg
Shipping Dimensions (W*D*H) cm	Main Body: 1610*885*1575 mm Base Cabinet: 1610*840*950 mm
Exhaust Blower	Built-in axial flow blower; Speed adjustable
Electrical Requirements	220V/50Hz
Consumption	360W
Airflow Velocity (m/s)	0.4~0.6m/s

Technical Data:

Model		FHP-1300		FHP-1500		FHP-1600		FHP-1800	
External Size (W*D*H)		1040*750*2200mm		1240*800*2200mm		1540*800*2200mm		1840*800*2200 mm	
Internal Size (W*D*H)		820*520*872mm		1020*570*872mm		1320*570*872mm		1620*570*872 mm	
Capacity (liters)		371		506		656		805	
Work Surface Height		700mm							
Max Opening		815mm							
Air Velocity		0.4~0.6m/s							
Noise		?60dB							
Fluorescent Lamp		12W*1		30W*2		30W*2		30W*2	
Blower		Built-in axial flow blower; Speed adjustable.							
Front Window		Manual, 5mm toughened glass, height adjustable .							
Power Supply		AC220V±10%, 50/60Hz ; 110V±10%, 60Hz							
Consumption		330W		360W		360W		360W	
Material	Main Body	Made of Porcelain white PP, thickness 8mm, resistant to strong acid, alkali and anti-corrosion							
	Work Table	Chemical resistant phenolic resin							
Standard Accessory		Fluorescent lamp, Water tap, Gas tap, Water Sink, Base cabinet							
		Waterproof socket*2							
		4 meter PVC duct, Diameter:250mm							
Optional Accessory		PP work table, epoxy resin board or ceramic board.							
		Outer centrifugal blower, resistant to strong acid, alkali.							
Gross Weight		160kg		198kg		225kg		259kg	
Package Size (W*D*H)	Main Body	1110*835*1575 mm		1310*885*1575 mm		1610*885*1575 mm		1910*885*1575 mm	
	Base Cabinet	1110*790*950 mm		1310*840*950 mm		1610*840*950 mm		1910*840*1575 mm	
Electrical Requirement		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