POLOS® PP FUME HOOD

The POLOS® PP Fume Hood offers reliable protection for experiments involving strong acids, alkalis, corrosive substances, and volatile compounds. Designed to safeguard both the operator and the sample, it minimizes exposure to hazardous fumes and significantly reduces the risk of fire or explosion. With the option to install appropriate filters, it also helps maintain a cleaner, safer laboratory environment.

FEATURES

- The mainframe is made of PP (polypropylene) material, integrally welded
- Resistant to strong acid, alkali and strong corrosion
- Microprocessor control system, LCD display
- The top adopts a top-shield suction design, and the deflector is made of homogeneous PP material, which has strong acid and alkali resistance
- Without airflow dead angle, and the maximum exhaust gas capture performance can be obtained
- The operating surface is equipped with water-retaining and anti-overflow treatment

OPTIONS

Work table (chemical resistant phenolic resin)

Waterproof socket

PP water sink

LCD display

Gas & water tap

Gas & water remote control

POLOS® PP FUME HOOD MODELS

MODEL		POLOS-PP-1000-F
External size (W×D×H) (mm)		1047 × 800 × 2450
Internal size (W×D×H) (mm)		787 × 560 × 700
Max. opening		740 mm
Work surface height		820 mm
Control system	Display	Microprocessor controller with LCD display, display the operating status of each function
Airflow system	Airflow velocity	0.3 ~ 0.8 m/s, speed adjustable
Cabinet construction)	Main body	Made of Porcelain white PP, thickness 8mm, resistant to strong acid, alkali and anti-corrosion.
	Work surface	Chemical resistant phenolic resin
	Front window	Manual, 5 mm toughened glass, height adjustable. Resistant to acid and alkali
Electrical system	LED lamp	16 W×2
	Blower	Built-in PP centrifugal blower (2 blowers for FMH-1800 DP only); Speed adjustable
	Consumption	450 W
		Not include socket loading power consumption
	Power supply	AC220 V±10%, 50/60 HZ; 110 V±10%, 60 Hz
Illumination		≥900 Lux
Sound emission		≤68 dB(A)
Standard accessory		1. Base cabinet
		2. LED lamp
		3. Waterproof socket×2
		4. Water tap (PP)
		5. Gas tap (PP)
		6. Gas & water remote control valve
		7. PP water sink
		8. Work table: Solid physicochemical board, resistant to acid and alkali
		9. PP Centrifugal Blower ×1 (2 for FMH-1800DP only)
		10. 10 m PVC aluminum foil composite exhaust duct, Diameter: 250 mm; (2 pcs of 10 m exhaust duct for FMH-1800DP only, duct is retractable and can be cut freely.) Pipe strap x2 (4 pcs for FMH-1800DP only)
Optional accessory		1. PP work table, epoxy resin board
		2. Active carbon filter
Gross weight (kg)	Main body	137
	Base cabinet	89
Shipping size (W×D×H) (mm)	Main body	1188 × 938 × 1612
	Base cabinet	1188 × 888 × 1000
Shipping volume (m³)		2.9