PP Fume Hood (Acid)

Model **MSGNI1500EPPSWISS** | Brand **Master Science** | Unit **Pc**



Fume Hood for Acid

The polypropylene (PP) fume hood is designed for experiments involving strong acids, strong bases, highly corrosive substances, and volatile compounds. It provides effective protection for operators from toxic gases while ensuring sample safety. Additionally, it minimizes fire and explosion risks and contributes to environmental protection by supporting appropriate filter installations.

KEY HIGHLIGHTS

- Work Surface
- Controller
- Material Durability
- Advanced Control
- Suction Efficiency

AT A GLANCE

1688x938x1612, Base Cabinet: 1688x888x1000
SHIPPING SIZE (MM)MAIN BODY

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Key Features

Work Surface
Chemical-resistant phenolic resin.

Controller
Microprocessor with LCD display.

Material Durability
Fully welded PP construction, providing strong acid and alkali resistance.

Effective exhaust and airflow management to prevent dead angles, ensuring optimal capture performance.

Advanced Control
Microprocessor-based system with LCD display for real-time monitoring.

Suction Efficiency
Top-shield suction design with homogeneous PP deflector.

Enhanced Protection
Anti-overflow and water-retaining treatment on the work surface.

This fume hood is an ideal solution for laboratories handling corrosive and volatile chemicals, offering a robust and safe working environment.

Technical Specifications

GENERAL	
General	ParameterDetails
General	External Size (WxDxH)1547x800x2450 mm
General	Internal Size (WxDxH)1287x560x700 mm
General	Max Opening740 mm
General	Work Surface Height820 mm
General	Airflow Velocity0.3~0.8 m/s (adjustable)
General	Noise Level≤68dB
General	Illumination≥900 Lux
General	Power SupplyAC220V±10%, 50/60Hz; 110V±10%, 60Hz
General	Power Consumption450W (excluding socket load)
General	Shipping Volume (m3)4.1
General	Front Window5mm toughened glass, manually adjustable, acid and alkali resistant.
General	Main BodyPorcelain white PP, 8mm thick, resistant to strong acids, alkalis, and corrosion.
General	BlowerBuilt-in PP centrifugal blower (1 unit; 2 units for FMH-1800DP), speed adjustable.

DIMENSIONS & WEIGHT	
Shipping Weight (kg)Main Body	180, Base Cabinet: 114
Shipping Size (mm)Main Body	1688x938x1612, Base Cabinet: 1688x888x1000

Standard Accessories Included

- Base Cabinet
- LED Lamp (30W x 2)
- Waterproof Sockets (x2)
- Water Tap (PP)
- Gas Tap (PP)
- Gas & Water Remote Control Valve
- Water Sink
- Solid Physicochemical Work Table (acid and alkali resistant)
- PP Centrifugal Blower (1 unit; 2 units for FMH-1800DP)
- 10m PVC Aluminum Foil Composite Exhaust Duct (Diameter: 250mm, retractable and customizable) with 2 pipe straps

Optional Accessories

- PP Work Table with epoxy resin board
- Active Carbon Filter