Ducted PP Fume Hood

Model **MSFH1200PSWISS** | Brand **Master Science** | Unit **Pc**



Ducted PP Fume Hood

The Ducted PP Fume Hood (Model: MSFH1200PSWISS) is a technical equipment designed for air-conditioned and clean workshops, ideal for use in electronics, chemical industries, machinery, universities, and laboratories. It provides protection for operators and samples by ensuring safety during operations involving dangerous or unknown infectious factors and experiments with strong acids, alkalis, corrosive substances, and volatile chemicals.

KEY HIGHLIGHTS

- Anti-Corrosive Water Tap
- Microprocessor Control System
- Memory Function
- Acid & Alkali Resistance
- Transparent Toughened Glass Window

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Overview

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Key Features

Anti-Corrosive Water Tap
Safer for use with corrosive substances.

Microprocessor Control System
Includes LED display for easy monitoring.

Memory Function
Retains settings in case of power failure.

Acid & Alkali Resistance
Made of porcelain white PP that is resistant to strong acids, alkalis, and corrosion.

Transparent Toughened Glass Window
Provides visibility inside the fume hood and ensures a well-lit workspace.

Technical Specifications

GENERAL

General	Sliding Door5mm thick glass/PVC.
General	Coating Thickness8 mm PP.
General	Inner Material8mm thick porcelain white PP, resistant to corrosion.

GENERAL	
General	WorktopChemical-resistant phenolic resin.
General	Window FramePVC material.
General	Sockets4x220V socket.
General	Control PanelDigital panel for monitoring.
General	Dimensions (Width)1250 mm.
General	Dimensions (Height)800 mm.
General	Dimensions (Length)2400 mm.
General	Work Surface Height820 mm.
General	Max Opening740 mm.
General	Air Velocity0.3~0.8 m/s.
General	Noise Level≤68 dB.
General	Exhaust Duct4.3 meters long, with a diameter of 250 mm.
General	LED Lamp12W x 2.
General	BlowerBuilt-in PP centrifugal blower, speed adjustable.
General	Front WindowManual, made of 5mm toughened glass, adjustable height.
General	Power SupplyAC220V ±10%, 50/60 Hz.
General	Power Consumption400W.
General	MaterialMade of 8mm thick porcelain white PP (Polypropylene), highly resistant to acids, alkalis, and corrosion.

MATERIALS	
Main Body	Porcelain white PP (8mm thick), resistant to strong acids, alkalis, and corrosion.
Work Table	Chemical-resistant phenolic resin.

Standard Accessories Included

- Chemical-resistant phenolic resin worktop.
- Electrical sockets.
- Swan-neck faucet.
- PP sink.
- Blower for ventilation.
- Gas fitting.
- Storage cabinet.
- LED light.
- Work table made of chemical-resistant phenolic resin.
- 4.3 meters PVC duct with a 250mm diameter.
- Pipe strap (2 pcs).
- RVV power cord (31.0mm²3000mm).
- Base cabinet.
- Waterproof sockets (2 pcs).
- Tail insert.
- Water tap and gas tap (PP).
- Water sink.
- PP centrifugal blower (1 pc).

Optional Accessories

- PP, epoxy resin, or ceramic work table.
- Active carbon filter.
- Outer PP centrifugal blower (recommended if the duct exceeds 4 meters).
- Base stand.
- This fume hood is designed for reliable, safe handling of hazardous materials, ensuring safety and efficient work in laboratory settings.