Filtered Chemical Storage Cabinet, 48-320 × 500 ml Bottles, VOC Alarm, Ductless Filtration

Model **MSCSC-F800SWISS,MSCSC-F820SWISS,MSCSC-F1600SWISS** | Brand **Master Science**







The Master Science Filtered Chemical Storage Cabinet keeps chemical bottles in a cabinet that cleans its own air. A quiet turbine fan pulls vapour away from the stored containers and through a filter set chosen for the chemicals inside, so odours and fumes do not leak into the lab and no exhaust duct is needed.

KEY HIGHLIGHTS

- No duct required
- Early warning
- Watch it from anywhere
- Quiet in the lab

AT A GLANCE

30 kg
SHELF LOAD

2070 × 800 × 510 / 2070 × 1600 × 510 / 772 × 819 × 350 mm
EXTERNAL DIMENSIONS (H×W×D)

230 / 230 / 75 m³/h
AIR CAPACITY

Request a Quotation
Contact us for pricing, configuration options and delivery details.

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www.themsci.com

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Overview

A VOC detector with alarm warns when filtration is no longer coping, and a temperature and humidity alarm watches storage conditions. Settings and status are handled on a touch screen, and remote monitoring can send alerts to a phone. Three sizes are offered, from a benchtop unit for 48 bottles to a double cabinet for 320 bottles.

Specifications of the Master Science Filtered Chemical Storage Cabinet range (CSC-F800 / CSC-F1600 / CSC-F820):

For fire-resistant storage of flammables, see our chemical safety cabinet 15-340 L as a companion to the Master Science Filtered Chemical Storage Cabinet.

Chemical cupboards often leak fumes into the room. The Master Science Filtered Chemical Storage Cabinet addresses:

Overview

- Silent turbine fan with no static and no sparks
- Interchangeable filters for organics, inorganics, formaldehyde, ammonia and particles
- Three filters fitted

Overview

- Adjustable epoxy-coated shelves with drainage holes
- Movable PP trays
- Transparent acrylic door; nylon wheels

Key Benefits

No duct required
The Master Science Filtered Chemical Storage Cabinet filters vapour internally and returns clean air to the room.

Early warning
The VOC alarm signals when vapours pass the filters.

Watch it from anywhere
Remote monitoring shows status and sends fault alerts to your phone.

Quiet in the lab
The turbine fan runs at about 40 dBA.

Technical Specifications

GENERAL

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SKU	MSCSC-F800SWISS, MSCSC-F820SWISS, MSCSC-F1600SWISS
Shelves	8 / 16 / 2 movable PP trays
Shelf load	30 kg
Air capacity	**230 / 230 / 75 m³/h**
Bottle capacity (500 ml)	**160 / 320 / 48**
Noise	40 dBA
Filters	3
Fans	1
Door	Transparent acrylic
Wheels	Nylon
Alarms	VOC alarm; temperature and humidity alarm
Finish	Grey epoxy powder coating

DIMENSIONS & WEIGHT	
External dimensions (H×W×D)	2070 × 800 × 510 / 2070 × 1600 × 510 / 772 × 819 × 350 mm
Internal dimensions (H×W×D)	1604 × 797 × 475 / 1604 × 1594 × 475 / 520 × 816 × 338 mm

POWER	
Rated voltage	220 V, 50 Hz
Power	42 W
Rated current	2 A

DISPLAY & DATA	
Display	LED touch screen control
Unattended storage risks	Remote alerts report faults when no one is nearby.

STORAGE PROBLEMS THE MASTER SCIENCE FILTERED CHEMICAL STORAGE CABINET SOLVES	
Chemical odours in the lab	Continuous filtration captures vapours at the source.
No exhaust available	Ductless operation works anywhere with power.
Unknown filter saturation	VOC alarm warns before fumes escape.

Applications

The Master Science Filtered Chemical Storage Cabinet is suited to storing: Volatile organic solvents Acids and odorous reagents Formaldehyde and fixatives in pathology labs Ammonia solutions Chemical stock in labs without exhaust ducts

Monitoring and control

- VOC detector port with alarm
- Temperature and humidity alarm
- LED touch screen for fan speed, lighting and settings
- Remote status viewing and fault alerts

Standard Accessories Included

- Cabinet with transparent door
- Filters ×3
- Fan
- Movable PP trays (2, 8 or 16)
- Touch screen control system
- Power cord
- Nylon wheels

Optional Accessories

- Light-blocking door
- HCl box
- Organic, inorganic, formaldehyde, ammonia and HEPA filters
- Ammonia, HCl and formaldehyde gas alarms