-40°C Combination Refrigerator Freezer 368 L, 2-8°C Fridge and -20 to -40°C Freezer, Lab Use

Model **MSCRF40-370SWISS** | Brand **Master Science**








The Master Science -40°C Combination Refrigerator Freezer uses a dual-compartment structure to refrigerate and freeze laboratory samples and materials in one unit. The upper refrigerator room holds 2-8°C behind a heated foamed glass door, while the lower freezer room reaches -20 to -40°C behind a foamed door.

KEY HIGHLIGHTS

- Deep-cold plus fridge
- See without opening
- Independent control
- Organised storage

AT A GLANCE

Refrigerator 2-8°C; freezer -20 to -40°C (ambient 10-32°C)
TEMPERATURE RANGE

368 L (12.99 cu.ft)
TOTAL CAPACITY

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

support@themsci.com
www.themsci.com

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Overview

Two compressors, independent temperature displays and 368 L of total capacity make it practical where both cold and deep-cold storage are needed but floor space is limited. Storage comes with 3 shelves and 6 drawers.

> For freezing only to -25°C, see our Lab Refrigerator Freezer Combination, -25°C, a sister unit to the -40°C Combination Refrigerator Freezer.

Key Benefits

Deep-cold plus fridge
Freezes down to -40°C while keeping a 2-8°C section.

See without opening
A heated foamed glass door on the refrigerator room shows the contents.

Independent control
Separate compressors and displays for each room.

Organised storage
Shelves above and six drawers below.

Technical Specifications

GENERAL

Brand	Master Science
Model Number	MSCRF40-370SWISS
SKU	MSCRF40-370SWISS
Total Capacity	**368 L (12.99 cu.ft)**
Temperature Range	**Refrigerator 2-8°C; freezer -20 to -40°C (ambient 10-32°C)**
Doors	Heated foamed glass door + foamed door
Shelves / Drawers	3 shelves / 6 drawers
Cooling Method	Direct cooling
Defrost	Manual
Refrigerant	R600a and R290 (CFC-free)
Compressors	2
Sensor	NTC
Controller	Microprocessor
Noise	50 dB
Interior / Exterior Material	Colour-sprayed steel
Insulation	PURF
Alarms	High/low temperature, power off, sensor malfunction, abnormal voltage, door ajar
Test Holes	2 x 25 mm

DISPLAY & DATA

Display	Dual independent digital displays
Casters / USB Port / Remote Alarm	Standard

POWER

Power Consumption	4.15 kWh/24 h
Power Supply	220 V, 50 Hz, 300 W, 2.45 A
Power Failure Alarm Backup	8 h

DIMENSIONS & WEIGHT

Exterior Size (W x D x H)	720 x 830 x 1870 mm
Net / Gross Weight	137 / 166 kg
Package Size (W x D x H)	775 x 920 x 1990 mm

WHERE THIS UNIT HELPS

Need for both 2-8°C and -40°C storage	Both rooms in one cabinet.
Searching through closed doors	The glass refrigerator door lets staff check stock at a glance.
Voltage fluctuations	Abnormal voltage alarm warns staff.
Doors left ajar	Door ajar alarm with sound and light.

Applications

The -40°C Combination Refrigerator Freezer suits
Laboratories storing reagents at 2-8°C and samples at -40°C Research institutes and universities Hospital and clinical laboratories Biotech and pharmaceutical labs

Refrigeration

- Two compressors, one per room
- Direct cooling
- Manual defrost
- CFC-free refrigerants

Monitoring and Alarms

- Independent digital temperature displays
- Alarms for high/low temperature, power off, sensor fault, abnormal voltage and door ajar
- 8-hour power failure alarm backup
- USB port and remote alarm port

Design

- Heated foamed glass door on the refrigerator room
- Foamed door on the freezer room
- 3 shelves and 6 drawers
- PURF insulation
- Casters

Standard Accessories Included

- 3 shelves
- 6 drawers
- Casters
- USB port
- Remote alarm port

Optional Accessories

- Temperature data logger