



LABORATORY UTILITIES / COMPACT COLD STORAGE

MINI COOLER

Compact cooling for organized laboratory storage.

The ALC-MC-50 Mini Cooler is a compact 50-litre laboratory cooling cabinet for short-term storage of reagents, samples, media and temperature-sensitive consumables between 2 C and 8 C.



CAPACITY 50 litres

TEMPERATURE 2 C to 8 C

POWER 85 W approx.

MODEL

ALC-MC-50

CATALOGUE NUMBER

To be confirmed

REFERENCE SPECIFICATION SET

Values shown are reproduced from supplied ALC-Scientific artwork; final procurement values require approved datasheet confirmation.



PRODUCT OVERVIEW

Compact cooling for organized laboratory storage.

The ALC-MC-50 reference configuration provides a transparent observation door, digital temperature indication, fan-assisted internal circulation, adjustable shelves and LED illumination in a compact cabinet. It is intended for organized routine laboratory storage rather than frozen or ultra-low-temperature applications.



CAPACITY

50 litres

TEMPERATURE

2 C to 8 C

POWER

85 W approx.

Key Features

- Digital temperature display
- Uniform fan-assisted internal cooling
- Compact space-saving cabinet
- Transparent observation door
- Two adjustable shelves
- LED interior illumination
- Door lock and automatic defrost

Working Principle

A compact refrigeration circuit removes heat from the insulated cabinet. Internal air circulation distributes cooled air around stored materials while the digital thermostat regulates the selected temperature.

TYPICAL APPLICATIONS

Storage of laboratory reagents / Short-term sample storage / Culture-media storage / Prepared solution storage / Temperature-sensitive consumables



REFERENCE TECHNICAL DATA

Final values require approved model-datasheet confirmation.

PARAMETER	REFERENCE SPECIFICATION
Model	ALC-MC-50
Capacity	50 litres
Temperature range	2 C to 8 C
Temperature accuracy	+/- 1 C
Control system	Digital thermostat
Display	Digital LED
Defrost system	Automatic
Refrigerant	R600a, CFC-free
Insulation	High-density PUF
Shelves	2 adjustable
Interior light	LED
Power supply	220 - 240 V AC, 50 Hz
Power consumption	85 W, approx.
Dimensions	430 x 480 x 630 mm
Net weight	18 kg, approx.

STANDARD SUPPLY

- Two adjustable shelves
- Door key
- Power connection
- Operation manual

INSTALLATION

- Stable, level bench or counter
- Earthed AC supply
- Ventilation clearance
- Do not block internal airflow
- Allow temperature stabilization before loading

TO BE CONFIRMED

- Usable internal volume
- Temperature uniformity mapping
- Door alarm configuration
- Warranty period
- Data-logging and validation options



LABORATORY APPLICATIONS

A practical platform for controlled laboratory workflows.

Applications

- Storage of laboratory reagents
- Short-term sample storage
- Culture-media storage
- Prepared solution storage
- Temperature-sensitive consumables
- Research and educational laboratories

Product Advantages

- Compact 50-litre footprint
- Direct visibility of stored materials
- Adjustable internal organization
- Controlled 2 C to 8 C storage range
- Low-noise reference configuration
- Simple digital monitoring



SCAN FOR PRODUCT PAGE

Request a model-specific quotation.

Share your application, required capacity or range, preferred configuration, quantity, installation city and documentation needs. Final performance values and accessories are issued with the approved technical datasheet and quotation.

ALC-SCIENTIFIC LABORATORY SYSTEMS

alcsscientific.com

+91 89501 26206

info@alcsscientific.com

OEM / PRIVATE LABEL AVAILABLE

Product images are for reference and may vary according to the selected configuration. Specifications, dimensions, accessories and designs are subject to change. Final specifications are those stated in the approved technical datasheet and commercial quotation. Standard warranty: To be confirmed according to the selected product and approved commercial quotation.