

Biomedical Freezer

MDF-U730M



Temperature range
(1°C increments)

-20 to -30°C

Effective capacity

690 liters/24.4 cu.ft.

**Direct cooling and
Manual defrost**

**Large-capacity Biomedical Freezer
with direct cooling and manual
defrost**

- High freezing power
- Direct cooling system and manual defrost
- Large capacity
- Adjustable wire shelves
- Alarm and safety devices

MDF-U730M

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Features

Stable temperature control

The MDF-U730M provides precise and uniform storage temperatures regardless of ambient conditions through microprocessor temperature control.

Energy-saving operation

The specially designed rotary compressor results in an energy-saving medical freezer with superior cooling and quiet operation.

Improved security

Standard door lock and independent padlock ensure extra security. (*Padlock is not supplied)

Sturdy cabinet construction with superior insulation

The integral foamed cabinet structure is extra strong and prevents cold air loss.

Manual defrost

Manual defrost freezers provide stable temperature control and do not exhibit the transient temperature increases that can be associated with auto-defrost type freezers. The MDF-U730M is therefore ideal for storing your important, temperature-sensitive samples.

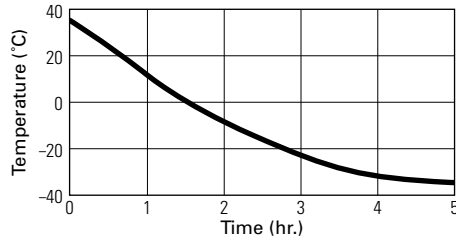
Movable wire shelves allow free position adjustment

Control panel

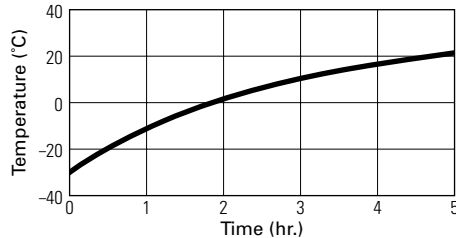


Performance Data

Pull-down characteristics under no-load condition



Pull-up characteristics during power failure



Conditions:

AT 35°C, no load, measured at center of chamber

SANYO Electric Co., Ltd., Biomedical Division, Gunma is certified for:

Quality management system: ISO9001 / Medical devices quality management system: ISO13485 / Environmental management system: ISO14001

RoHS (European Restriction of Hazardous Substances directives) compliant

Distributed by:

Specifications

Model	MDF-U730M
Temperature range	-20°C to -30°C (1°C increments)
Maximum cooling performance	-30°C (Ambient temperature: 35°C)
External dimensions (W x D x H)	770 x 830 x 1955mm (30.3" x 32.7" x 77.0")
Internal dimensions (W x D x H)	650 x 710 x 1520mm (25.6" x 28.0" x 59.8")
Effective capacity	690 liters (24.4 cu.ft.)
Net weight (approx.)	150kg (331 lbs.)
Exterior	Painted steel
Interior	Painted steel
Insulation	HCFC-free rigid polyurethane foamed in place
Temperature control	Microprocessor control
Compressor	Hermetic rotary type (400 W)
Defrosting system	Manual defrost
Refrigerant	HFC
Shelves (max. load)	4 adjustable wire shelves 50kg (110 lbs.)
Access port	ø 30mm (left) / ø 20mm (top)
Casters	4 casters with 2 adjustable feet
Alarm and safety	High / Low temperature alarm, Power failure alarm, Door ajar alarm, Remote alarm contact (DC30V, 2A), Memory backup
Accessories	1 set of scraper, 1 set of key, 2 large & 2 small nylon clips (for temperature recorder)

Caution: SANYO guarantees the product under certain warranty conditions.

SANYO in no way shall be responsible for any loss of content or damage to content.

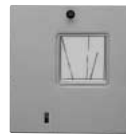
• Appearance and specifications are subject to change without notice.

Options



7-day circular recorder
MTR-G85

Recorder mounting bracket
MPR-S7



32-day strip chart recorder
MTR-4015LH

Recorder mounting bracket
MPR-S30

3 sets of shelves

MDF-T07ST

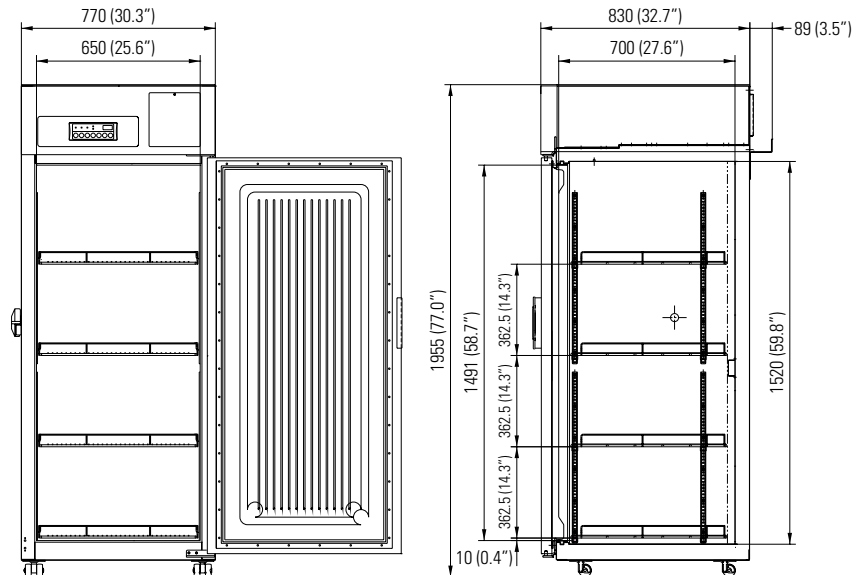
2 sets of containers

MDF-T07SC



Dimensions

[Unit: mm (inch)]



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SANYO Electric Co., Ltd.
Biomedical Division
<http://biomedical.sanyo.com/>

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