



MDF-U5312

-30°C Biomedical Freezers

428 L

Stable -30°C environment with extensive storage possibilities.

PHCbi medical freezers are equipped with various features that enable flexibility and maintain the quality of the samples during preservation such as height-adjustable shelf trays and separate top and bottom doors that suppress cold air leakage. Users can choose the model that meets their specific needs.

Benefits

- Equipped with separate doors that suppress the leakage of cold air during opening and closing of the doors, and manual defrosting that helps avoid temperature impact on the samples. PHCbi MDF-U5312 maintains the quality of the samples during preservation.
- Large-capacity, economical and space-saving model
- Enhanced operation by various function and chassis structure

Features

- Large-capacity but economical and space-saving
- Door latch with provision for a padlock for extra protection of samples
- Direct cooling through freezer circuits under each shelf for greater uniformity
- Universal keyed lock for added security
- Equipped with convenient storage drawers as standard
- Temperature recorder (optional)
- Front-mounted display/control panel located at convenient height for easy access
- Insulated door with gasket for sample protection and uniformity
- Door frame 'Hot-line' and gasket design prevents ice build-up and reduces maintenance.
- Security functions that help protect valuable samples with a temperature control capability that inhibits the change in temperature inside the chamber, and an alarm/security function that prevents errors, the unit maintains the quality of the preserved samples.
- Four casters and two adjustable levelling feet for easy installation

-30°C Biomedical Freezers

Specifications	
External Dimensions (W x D x H)	804 x 772 x 1802 mm
Internal Dimensions (W x D x H)	658 x 607 x 1272 mm
Volume	482 litres
Net Weight	132 kg
Cooling Performance	-30 °C
Temperature Setting Range	-18 to -35 °C
Temperature Control Range	-20 to -30 °C
Controller	Microcomputer control system
Display	LED
Temperature Sensor	Thermistor
Refrigeration System	Direct cooling system
Compressors	450 W
Refrigerant	HFC
Insulation Material	PUF
Exterior Material	Painted Steel
Interior Material	Styrol resin
Outer Doors/Lid	2
Outer Door Lock	Y
Shelves	Storage containers (small x 6, large x 4)
Access Port	1
Access Port Position	Back
Access Port Diameter	30
Casters	4 (2 leveling feet)
Power Failure	V-B-R
High Temperature	V-B-R
Low Temperature	V-B-R
Power Supply	Local
Frequency	Local
Noise Level	40 dB [A]

Accessories

Temperature recorders	
- Circular type	MTR-G85C-PE, MTR-G85A-PA
- Recorder housing	MPR-S7-PW (for MTR-G85 series), MPR-S30-PW (for MTR-4015LH-PE)
- Chart paper	RP-G85-PW (for MTR-G85 series), RP-40-PW (for MTR-4015LH-PE)
- Ink pen	PG-R-PW (for MTR-G85 series)
- Continuous strip type	MTR-4015LH-PE
- Communications interface	MTR-480-PW, MTR-L03-PW (for Data acquisition system MTR-5000 user only)



Preservation Equipment, Experimental Environment Equipment, Dispensary Equipment, Culturing Equipment and Drying & Sterilising Equipment for General Laboratory use
The management of the design, development, production and servicing of the above.
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PHC Corporation, Biomedical Division is certified for:
Environmental management system: ISO14001



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