-20℃ Upright Freezer

The -20℃ deep freezer offers a stable low temperature storage condition. Integrated design of cold shelf and evaporator provides additional refrigeration efficiency. This product is designed to store vaccine, reagent and many other biological materials, widely applied in research institutions and clinical sites in life science, electronic testing and medical fields.

-20℃ Under-Counter Freezer

The under-counter freezer provides effective storage solution for laboratories, drug stores and hospitals. Our freezers offer good storage capacity and fit under most countertops, enable the best use of available space.

Reliability & Key Features

- Main power switch: convenient operation
- Standard test hole
- Italian imported controller: digital display
- Low power consumption
- CFC free refrigerant
- World-class brand compressor
- Power coated galvanized steel liner

Safety

- Multiple malfunction alarm including high/low temperature alarm, sensor error alarm, door ajar alarm, power failure alarm, remote alarm
- Safety lock prevents unauthorized access
- Two types of alarm indications: audible buzzing and visible flashing light
- Remote alarm contact

-25℃ Chest Freezer

Key Features
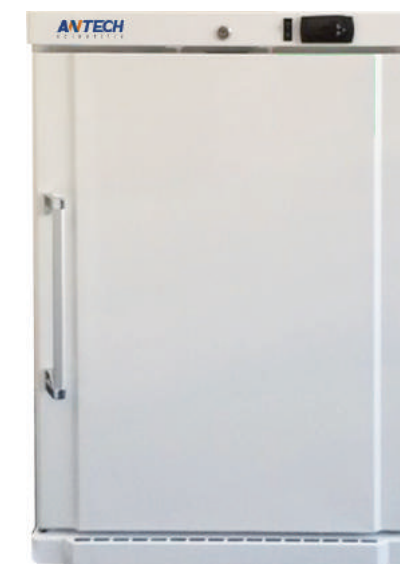
- Safety lock prevents unauthorized access
- Italian imported controller: digital display, high/low temperature alarm
- Low power consumption
- Embossed aluminum sheet for easy cleaning
- Casters for convenient movement
- Environment-friendly refrigerant CFC-Free and HCFC-free

MDF-20U275

▲LED display   ▲Test hole   ▲Adjustable shelf   ▲Remote alarm contact

Specification

	Model	MDF-20U65	MDF-20U115	MDF-20U275	MDF-20U365	MDF-25C100	MDF-25C200	MDF-25C300	MDF-25C400	MDF-25C500
Technical Data	Cabinet type	Upright	Upright	Upright	Upright	Chest	Chest	Chest	Chest	Chest
	Climate Class	10-32℃	10-32℃	10-32℃	10-32℃	16-38℃	16-38℃	16-38℃	16-38℃	10-32℃
	Cooling Type	Direct cooling	Direct cooling	Direct cooling	Direct cooling	Direct cooling	Direct cooling	Direct cooling	Direct cooling	Direct cooling
	Defrost Mode	Manual	Manual	Manual	Manual	Manual	Manual	Manual	Manual	Manual
	Refrigerant	R134a	R134a	R134a	R134a	R600a	R600a	R600a	R600a	R600a
	CFC Free	Y	Y	Y	Y	Y	Y	Y	Y	Y
	Noise (dB)	45	45	45	45	55	55	55	60	60
Performance	Temperature Range (℃)	-10--20	-10--20	-10--20	-10--20	-15--25	-15--25	-15--25	-15--25	-15--25
Control	Temperature Control	Electronic controller	Electronic controller	Electronic controller	Electronic controller	Electronic controller	Electronic controller	Electronic controller	Electronic controller	Electronic controller
	Display	LED	LED	LED	LED	LED	LED	LED	LED	LED
Material	Interior	Coated steel	Coated steel	Coated steel	Coated steel	Embossed aluminum sheet	Embossed aluminum sheet	Embossed aluminum sheet	Embossed aluminum sheet	Embossed aluminum sheet
	Exterior	Coated steel	Coated steel	Coated steel	Coated steel	Coated steel	Coated steel	Coated steel	Coated steel	Coated steel
	Door	Solid door	Solid door	Solid door	Solid door	Solid door	Solid door	Solid door	Solid door	Solid door
Electrical Data	Voltage/Frequency	220V~240V/50Hz/60Hz	220V~240V/50Hz/60Hz	220V~240V/50Hz/60Hz	220V~240V/50Hz/60Hz	220V~240V/50Hz/60Hz	220V~240V/50Hz/60Hz	220V~240V/50Hz/60Hz	220V~240V/50Hz/60Hz	220V~240V/50Hz/60Hz
	Power (W)	150	170	190	280	120	150	160	200	210
	Electrical Current (A)	0.8	0.95	1.2	1.5	0.7	0.8	0.85	1.1	1.15
Dimensions	Gross Capacity (L)	65	115	275	365	100	190	285	370	500
	Net/Gross Weight (kg)	38/42	46/49	74/84	96/106	40/50	55/60	64/72	79/87	89/98
	Internal Dimension (W/D/H)	427*384*457 (mm)	517*407*607 (mm)	517*440*1295 (mm)	517*440*1671 (mm)	520*345*615 (mm)	760*485*600 (mm)	1080*485*600 (mm)	1340*485*600 (mm)	1710*485*600 (mm)
	External Dimension (W/D/H)	510*510*640 (mm)	600*510*790 (mm)	600*542*1496 (mm)	600*542*1876 (mm)	700*600*850 (mm)	940*765*850 (mm)	1270*765*850 (mm)	1530*765*850 (mm)	1900*765*850 (mm)
	Packing Dimension (W/D/H)	570*595*690 (mm)	660*560*890 (mm)	660*630*1620 (mm)	660*630*1980 (mm)	745*580*890 (mm)	990*775*890 (mm)	1320*775*890 (mm)	1580*775*890 (mm)	1950*775*890 (mm)
	Container Load (20'/40'40'H)	114/240/240	72/150/225	27/54/54	27/54/54	62/128/192	34/72/108	24/54/81	20/44/66	18/36/54
Functions	High/low Temperature Alarm	Y	Y	Y	Y	Y	Y	Y	Y	Y
	Remote Alarm Contact	Y	Y	Y	Y	N/A	N/A	N/A	N/A	N/A
	Power Failure Alarm	Y	Y	Y	Y	N/A	N/A	N/A	N/A	N/A
	Sensor Error Alarm	Y	Y	Y	Y	N/A	N/A	N/A	N/A	N/A
	Low Battery Alarm	Y	Y	Y	Y	N/A	N/A	N/A	N/A	N/A
	Door Ajar Alarm	Y	Y	Y	Y	N/A	N/A	N/A	N/A	N/A
Accessories	Door Lock	Y	Y	Y	Y	Y	Y	Y	Y	Y
	Caster	4	4	4	4	-	-	-	-	-
	Foot	4	4	4	4	4	4	4	4	6
	Test Hole	Standard	Standard	Standard	Standard	Optional	Optional	Optional	Optional	Optional
	Shelf/basket Quantity	2/-	3/-	5/-	5/-	-/1	-/2	-/2	-/2	-/2
	USB Interface	Optional	Optional	Optional	Optional	N/A	N/A	N/A	N/A	N/A
	Data Logger	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional

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