

Ultra-Low Chest Freezers -86°C

IUCF-1100(110V/60Hz)



Ultra-Low Chest Freezers -86°C IUCF-1100 use the best and reliable refrigeration technology and have been designed to occupy less floor space and provide available maximum capacities are: 100 L with temperature range of -40°C to -85°C by offering excellent temperature uniformity and stability.

This ultra-low temperature freezer designed with lockable door to prevent unauthorized access. It has the feature of delayed start and safe stop interval between restart and being terminated. Used in hospitals, blood bank, health, colleges and universities, research application, industries, laboratories. The range of ultra-low freezers storage products will permit you to choose the perfect match to meet your requirements through cost and energy saving.

Technical Specification:

Model	IUCF-1100
Capacity (liters)	100 L
Cabinet Type (Upright/Chest)	Chest type
Temperature Range (°C)	-40 to -86°C
Refrigeration System	CFC-free, mixture gas
Defrost	Manual
Alarms	Visual & Audio, High/low temperature alarm, power failure alarm , low battery alarm, door ajar alarm, high air temperature alarm, communication failure alarm
Material	Internal: ss, External: SPCC steel with powder coating
Overall Dimensions (WxDxH) cm	1066x742x820 mm
Casters	4
Certifications/Compliance	CE
Net Weight (kg)	145 kg
Gross Weight (kg)	176 kg
Electrical Requirements	110V/60Hz
Catalogue Number	500851001

Technical Data:

Model	IUCF-1050	IUCF-1100	IUCF-1138	IUCF-1328
Capacity	50 L	100 L	138 L	328 L
Temperature Range	-40 to -86°C			
Type	Chest type			
Materials	Internal: ss, External: SPCC steel with powder coating	Internal: Galvanized ss, External: SPCC steel with powder coating	Internal: ss, External: Steel plates with spraying	
Alarms	Visual & Audio, High/low temperature alarm, power failure alarm, low battery alarm, door ajar alarm, high air temperature alarm, communication failure alarm		High/Low temperature, High ambient temperature, Power failure, Low battery, Sensor error, System failure, Condenser cooling failure, Door ajar	
Cooling	Direct cooling			
Display	Digital			
Refrigerant	CFC-free, mixture gas			
Evaporator	D-form copper tube	Coil evaporator	-	
Defrosting	Manual			
Shelves	1 pc		-	
Casters	4			
Compressor	1 pc			
Motor	Fan Motor: EBM			
Ampoule	Vials 2ml: 4200 pcs	-	Vials 1.5 ml: 9000 pcs	
Interface	USB			
Ambient Temperature	16°C to 32°C			
Certification	CE			
Power Consumption	650 W	900 W	5.6 KW	8.7 KW
Internal Dimension	430x305x425 mm	450x439x514 mm	490x470x570 mm	1200x470x570 mm
External Dimension	650x599x1069 mm	1066x742x820 mm	1320x890x1009 mm	2005x890x1009 mm
Net Weight	82 kg	145 kg	205 kg	280 kg
Gross Weight	102 kg	176 kg	224 kg	344 kg
Electrical Requirement	220V/50Hz	110V/60Hz	220V/50Hz	110V/60Hz
Catalogue No.	500850502	500850501	500851002	500851001
			500851502	500851501
				500852002
				500852001



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