Ultra-Low Chest Freezers -86°C
IUCF-1100(110V/60Hz)



Ultra-Low Chest Freezers -86℃ 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 (℃)	-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		490×470×570 mm		1200x470x570 mm	
External Dimension	650x599x1069 mm		1066x742x820 mm		1320×890×1009 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	220V/50Hz	110V/60Hz	220V/50Hz	110V/60Hz
Catalogue No.	500850502	500850501	500851002	500851001	500851502	500851501	500852002	500852001



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