

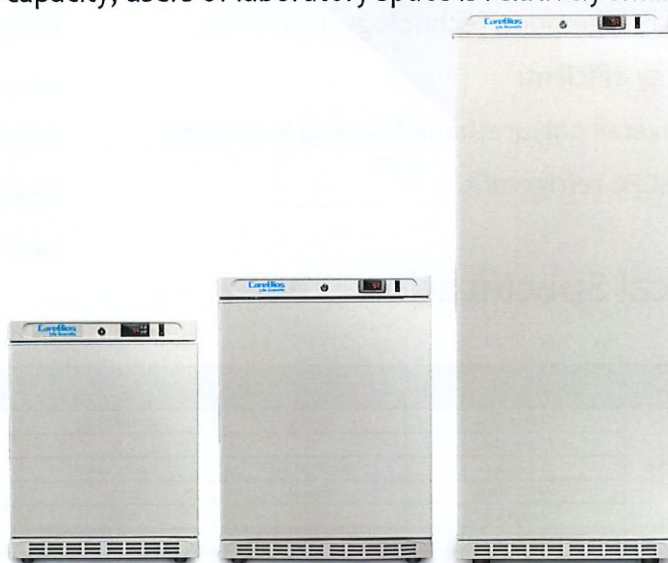
Altech Equipment Systems Pte Ltd

1 Bukit Batok Crescent Wcega Plaza #08-35 Singapore 658064
Tel : 65-6570-1293/ 6425-5376 Fax: 65-6570 6773
Email: mail@altech-equipment.com Website : www.altech.sg

-25°C Laboratory Deep Freezer

Product Application

-25 °C Low Temperature Upright Freezer is mainly in order to meet the medical and scientific research and industrial preparation of cold storage under normal circumstances demand. It has large capacity, saving space and precise temperature control, temperature stability, quick cooling, mainly used in the sample access frequently, sample large capacity, users of laboratory space is relatively small.



Temperature Control

Microprocessor control, Large LED display inner temperature clearly, and with easy viewing;
The inner temperature can be adjustable at the range of -10°C~-25°C;
Lock and password for protection to prevent arbitrary adjustment of operating parameters.

Safety Control

Malfunction alarms: high temperature alarm, low temperature alarm, Sensor failure, Power failure alarm, low voltage of backup battery. Over temperature alarm system, set the alarm temperature as requirements;

Two alarming methods: buzzer alarming and digital flashing alarming;

Protection function: power-on delay, time between stops

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Optional



LCD display controller with recorder



Dixell Controller

Refrigeration System

Highly efficient famous brand compressor and fan,;
with a high efficient refrigeration effect;
Optimized refrigeration technology, low noise,
more energy efficient;
CFC-Free overall polyurethane foaming insulation;
CFC-Free/HCFC refrigerant.

Ergonomic Design

Safety door lock, preventing unauthorized access;
Wide voltage design from 192V to 242V;
Pressure-balanced port design,
easy to open the door;
Adjustable shelves design;
Heavy type caster and locking adjustable screw,
easy to move and fix.

Technical Specification

Model		KYD60F	KYD110F	KYD260F	KYD390F	KYD598F
Technical Specification	Cabinet Type	Desktop	Under Counter	Vertical	Vertical	Vertical
	Climate Class	N	N	N	N	N
	Cooling Type	Direct Cooling	Direct Cooling	Direct Cooling	Direct Cooling	Direct Cooling
	Defrost Mode	Manual	Manual	Manual	Manual	Manual
	Refrigerant	R600a	R600a	R600a	R290	R290
Performance Parameters	Temperature Setting (°C)	-25	-25	-25	-25	-25
	Temperature Range (°C)	-10 ~ -25	-10 ~ -25	-10 ~ -25	-10 ~ -25	-10 ~ -25
	Rated Voltage (V/Hz)	220/50 or 220/60	220/50 or 220/60	220/50 or 220/60	220/50 or 220/60	220/50 or 220/60
	Power(W)	105	120	145	180	170
	Power Consumption (kwh/24h)	2.2	2.6	2.8	3.3	2.8
Material	Interior Material	Aluminium sheet with powder coating	Aluminium sheet with powder coating	Aluminium sheet with powder coating	Aluminium sheet with powder coating	Aluminium sheet with powder coating
	Exterior Material	Galvanized steel with powder coating	Galvanized steel with powder coating	Galvanized steel with powder coating	Galvanized steel with powder coating	Galvanized steel with powder coating
Dimension	Capacity(L)	64	114	281	413	572
	Net Weight/Gross Weight	32.5/36 (kg)	43/46 (kg)	61/67 (kg)	71/78 (kg)	98/106 (kg)
	Interior Dimension (W*D*H)	410×450×420(mm)	500×450×570 (mm)	500×450×1290 (mm)	500×510×1550 (mm)	645×530×1645 (mm)
	Exterior Dimension (W*D*H)	510×560×655(mm)	600×560×805 (mm)	600×560×1525 (mm)	600×650×1790(mm)	775×750×1890 (mm)
	Packaging Dimension (W*D*H)	570×620×760 (mm)	660×620×910 (mm)	660×620×1630 (mm)	660*700*1900 (mm)	830*750*2000 (mm)
Function	Low/High temperature alarm	Y	Y	Y	Y	Y
	Remote alarm contact	Y	Y	Y	Y	Y
	Power failure alarm	Optional	Optional	Optional	Optional	Optional
	Door open alarm	Y	Y	Y	Y	N/A
	LED Light	Y	Y	Y	Y	Y
	Sensor failure alarm	Y	Y	Y	Y	Y
	Door lock	Y	Y	Y	Y	Y
Accessories	Castor	—	—	—	Y	Y
	Footing	Y	Y	Y	—	—
	Test Port	Y	Y	Y	Y	Y
	Shell/Inner door	2/-	3/-	5/-	6/-	5/-
	USB Port	Optional	Optional	Optional	Optional	Optional
	Temperature Recorder	Optional	Optional	Optional	Optional	Optional