



LABORATORY LINES

FREEZER AND REFRIGERATORS



Kalstein®

A different accompaniment, at your service



KALSTEIN® Freezer and Refrigerators

CD Touch Screen Ultra Low Temperature Lab Freezer 838 litres
Model YR05305

**Product Description:**

Dual system microprocessor control with 2 separate interior doors that can be opened independently to minimize frost buildup in the room. Unique door seal design minimizes temperature loss when the door is opened. Stainless steel handle ensures that the door will open, even in frosty conditions. 7-inch touch screen, all data is displayed. The display is easy to observe and writes a brief record of the dashboard. This will be passed to the user's next green handle, which facilitates the use of 2 padlocks.

Features:

- ✓ Two independent cooling systems are used, one of which can maintain a temperature of -70 in a set.
- ✓ The dual system can work at the same time to achieve rapid cooling and the cooling time is reduced by more than 50%.
- ✓ Touch screen, temperature curve, alarm information record and query, user management mode, self-diagnosis.
- ✓ Two independent cooling systems are used, one of which can maintain the cabinet temperature at -80 °C when failure occurs.
- ✓ Standard test port, USB interface and remote alarm interface
- ✓ High and low cabinet temperature alarm, light and sound alarm, optional SMS notification and other alarming methods
- ✓ Increased cooling rate by 20% and uniformity by 30%.
- ✓ A cooling circuit that doubles the system components compared to a conventional two-stage cascade system
- ✓ Dual-machine cascade cooling system using environmentally friendly fluorine-free alkane refrigerant, energy savings of 50%.
- ✓ Second-generation VIPIPLUS vacuum insulation board technology, the chiller has good insulation performance, designed to enter the riser
- ✓ Optimized product structure for biological sample libraries, providing storage space of up to 40,000 samples
- ✓ When the power is restored, the simultaneous startup of all equipment will cause a great impact on the power grid, which may cause the circuit breaker to trip; the specially designed delayed start function of the equipment may make the equipment
- ✓ The inner door is removable for easy defrosting and cleaning by customers;



#Let'sgive more ♥

Thanks to your purchase, a donation is made to a non-profit foundation that fights against cancer and helps vulnerable communities.



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KALSTEIN® Freezer and Refrigerators**CD Touch Screen Ultra Low Temperature Lab Freezer 838 litres****Model YR05305****Technical Specifications:**

	Model	YR05305
Specificaitons	Shelf/drawer QTY	Stainless steel shelf/3
	Cooling	Direct cooling
	Defrost	Manual
	Refrigerant	Mixed-gas
	Power Consumption (kWh/24h)	18.8
	Noise(db)	55
	Ambient temperature (°C)	10~32°C
	Temperature range (°C)	-40~-86°C
Cooling system	Compressor brand/QTY	SECOP/2
	Sensor	PTC
	Temperature controller	Microprocessor
Power	Display	LCD display
	Voltage/frequency (V/Hz)	220/50Hz
	Power (W)	1700W
Material	Current (A)	9.8A
	Inside material	Stainless steel
	Outside material	Color sprayed steel
Size	Insulation	PURF
	Capacity (L/cu.ft)	838
	NT./GT.(kg)	336.5/416
	Exterior size (W*D*H)(mm)	1190*1045*2010
	Interior size (W*D*H)(mm)	894*718*1310
	Package size (W*D*H)(mm)	1270*1105*2220
	CBM	3.12
Frozen Racks	20GP/40GP/40HQ	8/18/18
	Racks	24(5X5)
	Boxes (2 Inches)	600
Alarm	Samples(2ml)	60000
	High/low temperature	Y
	Power failure	Y
	Abnormal voltage	Y
	Sensor error	Y
	Filter screen check	Y
	Thermostat failure	Y
	Low battery	Y
	Condenser clean	Y
	High ambient temperature	Y
	Door ajar	Y
	Power failure backup system(alarm)	72h
	Accessories	Castor
Inside door		2
Test hole QTY/diameter		1/25MM
USB port		Y
Chart recorder		/
Data logger		Optional
Optional	Remote alarm port	Y
	CO2 back up system	Optional
	LN2 back up system	Optional

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