



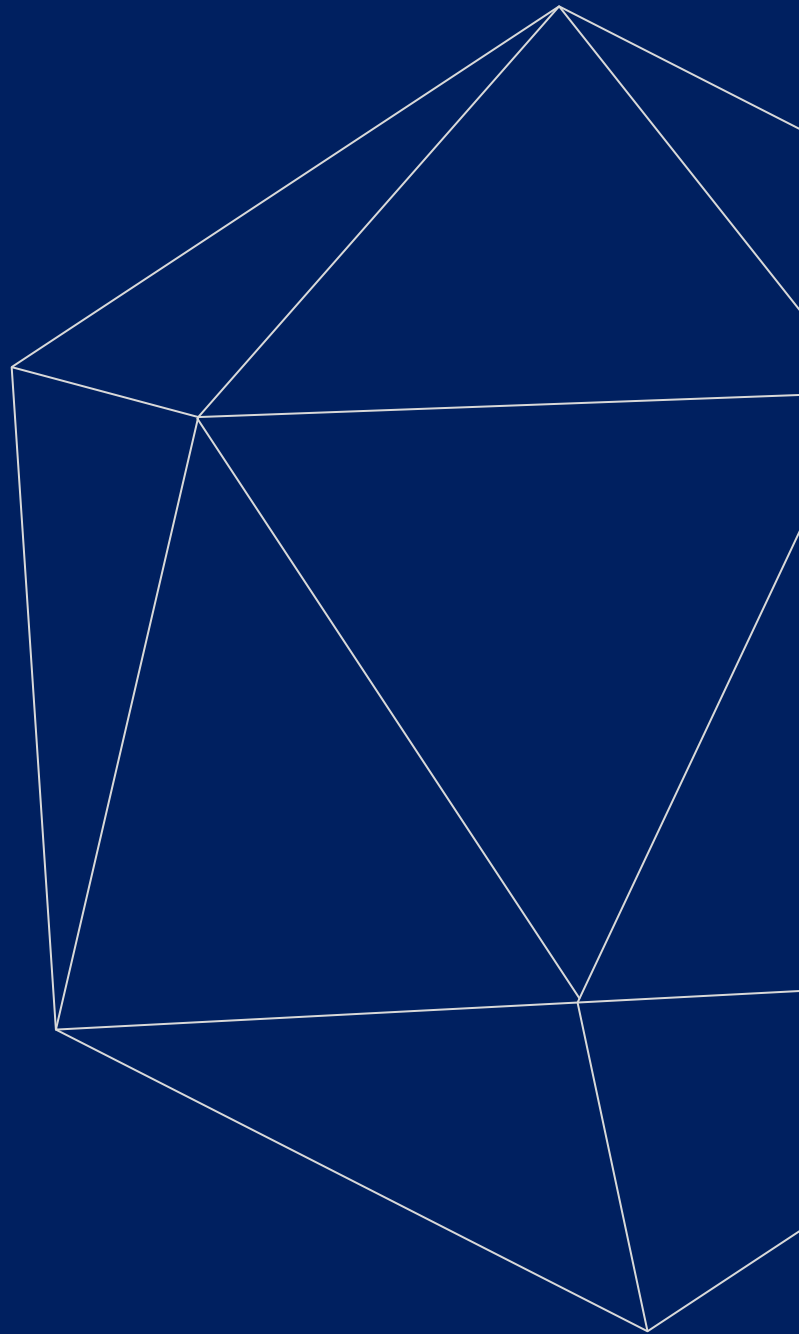
LABORATORY SECTOR

REFRIGERATORS AND FREEZERS



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A different accompaniment, at your service





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OUR SERVICES

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With more than 25 years growing with our customers, Kalstein's multiformat and modern content, is now present in more than 10 countries and increasing.



KALSTEIN® Refrigerators and Freezers**-86°C medical ultra low temperature freezer for laboratory / Hospital 588L****Model YR05299****Product Description:**

Applications can be found in blood banks, hospitals, epidemic prevention services, research institutions, electronic laboratories and chemical factories. Bioengineering Institute and Marine Fisheries Corporation.

The Cascade System's microprocessor control system with 3 separate interior doors that can be opened independently. Minimize frost accumulation in the room. The unique door seal design minimizes the temperature loss when the door is opened. The stainless steel internal handle ensures that the door can be easily opened even in the case of frost. High quality door gasket 5 gasket, 4 sealing ring for door, 1 inner door seal to provide maximum protection against heat intrusion. The sample port on the back makes temperature monitoring convenient.

Features:

- ✓ Double-machine cascade refrigeration system using fluorine-free environmentally friendly alkane refrigerant, energy saving 50%
- ✓ VIPIIPLUS second generation vacuum insulation board technology, the refrigerator has good insulation performance, designed for entering the elevator
- ✓ Product structure optimized for biological sample library, can provide storage space of up to 40,000 samples
- ✓ Each component that may generate noise is equipped with special material shock absorbing material, and high-density fire-resistant sound-absorbing cotton is installed around the unit.
- ✓ Microcomputer control, the temperature inside the box is adjustable from -60 to -86 °C, over temperature alarm, power failure memory, and the adjustment accuracy is 0.1 °C;
- ✓ Optimized dual-machine cascade refrigeration system for up to 35% energy savings
- ✓ Microcomputer control, the temperature inside the box is adjustable from -40 to -86 °C, over temperature alarm, power failure memory, adjustment accuracy is 0.1 °C;
- ✓ -86 series product internal and external temperature difference up to 110 ° C, special polyurethane foam insulation layer to avoid cracking and deformation, 150mm insulation material thickness to ensure internal temperature stability
- ✓ Two-machine cascade refrigeration system, carbon dioxide refrigerant energy saving 50%
- ✓ When power is restored, the simultaneous start of all equipment will cause a large impact on the power grid, which may cause the circuit breaker to trip; the specially designed equipment delay start function for this case may make the equipment
- ✓ The inner door is detachable for easy defrosting and cleaning

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KALSTEIN® Refrigerators and Freezers**-86°C medical ultra low temperature freezer for laboratory / Hospital 588L****Model YR05299**

Model	YR05299	
Specificaitons	Shelf/drawer QTY	Stainless steel shelf/3
	Cooling	Direct cooling
	Defrost	Manual
	Refrigerant	HC
	Power Consumption(kWh/24h)	12
	Noise(db)	53
	Ambient temperature(°C)	10~32°C
	Temperature range(°C)	-40~-86°C
Cooling system	Compressor brand/QTY	SECOP/2
	Sensor	PTC
	Temperature controller	Microprocessor
	Display	LCD display
Power	Voltage/frequency(V/Hz)	220/50Hz
	Power(W)	815W
	Current(A)	7A
Material	Inside material	Stainless steel
	Outside material	Color sprayed steel
	Insulation	PURF
Size	Capacity(L/cu.ft)	588/20.76
	NT./GT.(kg)	307/368
	Exterior size(W*D*H)(mm)	880*1080*2000
	Interior size(W*D*H)(mm)	606*738*1310
	Package size(W*D*H)(mm)	975*1140*2200
	CBM	2.45
	20GP/40GP/40HQ	12/24/ 24
Frozen Racks	Racks	16(5X5)
	Boxes (2 Inches)	400
	Samples(2ml)	40000
Alarm	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	

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Kalstein Blog
Not just be informed, be fully informed

The 3 articles of the week!

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1
Read this ARTICLE NOW



How does the climate affect your microscope?

microscope is an instrument that allows observing and measuring small objects. This is achieved through the use of lenses or a system of mirrors that collect and focus light from the object being observed.

Kalstein Blog

Article of the week:
How does the climate affect your microscope?

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2
Read this ARTICLE NOW



What is the importance of the laboratory refrigerator?

Refrigerator is a device that is one of the most common equipment that is used to maintain, in a controlled environment (refrigerated space), various fluids and substances.

Kalstein Blog

Article of the week:
What is the importance of the laboratory refrigerator?

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