



North Sciences

Lab Refrigerators for Vaccine, Blood Bank, and Medical Storage



High Performance Pharmaceutical & Vaccine Refrigerators

Our refrigerators are designed to store pharmaceuticals, medicine, vaccines, biological materials, testing reagents, and laboratory materials, and are suitable for hospitals, blood banks, epidemic prevention, pharmaceutical companies, research institutes, and more.

PR-0400

Lab Refrigerators



The New PR Series high-performance Biopharmaceutical Refrigerators offer superior temperature uniformity and outstanding reliability.

PRE Series

Pharmaceutical Grade



PRE & VRE Series high-performance pharmacy refrigerators are designed with features that support sample protection for the storage of pharmaceuticals, vaccines, chemotherapy and other medical and pharmacy-grade storage requiring 2° to 8°C, according to CDC recommendations.

VRE Series

Vaccine & Blood Banks



Precision Temperature Control for Total Sample Security

- Inner temperature can be adjusted at an increment of 0.1°
- Multiple sensors to display or control the temperature
- Highly efficient compressor and fan
- Forced-Air Circulation for large airflow with special air ducts to guarantee inner temperature consistency
- Unique evaporator design for better uniformity and no ice build-up
- CFC-Free/HCFC refrigerant
- Safety door lock, preventing unauthorized access
- Auto defrost function guarantees reliable performance in high ambient temperature and high humidity areas
- Wide voltage adaptation
- Interior LED lighting
- No condensation glass door
- Stopper on rear against back wall

Easy to Maintain:

Refrigeration system located at the top of the unit allows for easy maintenance and provides auto-defrosting, air cooling and better temperature uniformity.



PR-0400



Leveling Foot

Interior Shelves



Rear Stopper

PRE & VRE Series

Strong Casters with Brake

The strong casters with brakes makes moving or fixing the refrigerator even easier.



Triple Coated Tempered Glass

Triple coated tempered glass with heat reflective film, ensure the inner temperature and anti-condensation.

North Sciences Design Refrigeration Block

Fully replacable refrigeration block.



Safety Control Systems

Safety control systems utilizing buzzer, digital flashing for high/low temperature, sensor failure, door opening, and other alarms.



		Laboratory	Pharmaceutical Grade			Vaccine & Blood Banks		
		PR-0400	PRE-0500	PRE-1000	PRE-1500	VRE-0500	VRE-1000	VRE-1500
Cabinet Type		Vertical	Vertical	Vertical	Vertical	Vertical	Vertical	Vertical
Door		1 - glass	1 - glass	2 - glass	2 - glass	1 - glass	2 - glass	2 - glass
Climate Class		ST	ST	ST	N	ST	ST	N
Cooling Type		Forced Air Cooling	Forced Air Cooling	Forced Air Cooling	Forced Air Cooling	Forced Air Cooling	Forced Air Cooling	Forced Air Cooling
Defrost Mode		Auto	Auto	Auto	Auto	Auto	Auto	Auto
Refrigerant		HC, R600a	HC, R290	HC, R290	HC, R290	HC, R290	HC, R290	HC, R290
Cooling Performance		4°C	4°C	4°C	4°C	4°C	4°C	4°C
Temperature Range		2 to 8°C	2 to 10°C	2 to 10°C	2 to 10°C	2 to 10°C	2 to 10°C	2 to 10°C
Controller		Microprocessor	Microprocessor	Microprocessor	Microprocessor	Microprocessor	Microprocessor	Microprocessor
Display		LED	LED	LED	LED	LED	LED	LED
Alarm		Audible, Remote	Audible, Remote	Audible, Remote	Audible, Visual	Audible, Remote	Audible, Remote	Audible, Visual
Capacity		14 CuFt - 395L	21.2 CuFt - 600L	39 CuFt - 1100L	50 CuFt - 1410L	21.2 CuFt - 600L	39 CuFt - 1100L	50 CuFt - 1410L
Interior Dimensions (WxDxH)	in.	19.7×20×61	25.2×26.8×54	45.7×26.8×54	57.5×27×55	25.2×26.8×54	45.7×26.8×54	57.5×27×55
	mm.	500×510×1550	640×680×1380	1160×680×1380	1460×690×1400	640×680×1380	1160×680×1380	1460×690×1400
Exterior Dimensions (WxDxH)	in.	23.6×25.6×70	30.7×32.4×74	51.2×32.4×74	62.5×32.5×77	30.7×32.4×74	51.2×32.4×74	62.5×32.5×77
	mm.	600×650×1785	780×822×1880	1300×822×1880	1580×827×1945	780×822×1880	1300×822×1880	1580×827×1945
High/Low Temp.		✓	✓	✓	✓	✓	✓	✓
Remote Alarm		✓	✓	✓	✓	✓	✓	✓
Sensor Failure		✓	✓	✓	✓	✓	✓	✓
Door Ajar		✓	✓	✓	✓	✓	✓	✓
Lockage		✓	✓	✓	✓	✓	✓	✓
Inner LED Light		✓	✓	✓	✓	✓	✓	✓
Caster		—	✓	✓	✓	✓	✓	✓
Test Hole		✓	✓	✓	✓	✓	✓	✓
Shelves/Drawers		6 Shelves	5 Shelves	5 Shelves	5 Shelves	6 Drawers	12 Drawers	12 Drawers
Available with Traceable Live?		—	—	—	—	✓	✓	✓
Voltage/Amps		110V/1.8A	110V/2.5A	110V/3.5A	110V/4.6A	110V/2.5A	110V/3.5A	110V/4.6A
Power (W)		185	260	450	480	260	450	480
Btu/h		632	888	1535	2047	888	1535	2047
Type of Plug		5-15P	5-15P	5-15P	5-15P	L5-15P (twist lock)	L5-15P (twist lock)	L5-15P (twist lock)



inTEST Thermal Solutions

an inTEST Company

inTEST Thermal Solutions (iTS) specializes in the design and manufacture of thermal test and process cooling systems. Our breadth of products and in-house engineering capabilities allow us to be a single-partner-solution for thermal test and process cooling needs.

We are recognized globally for our expertise in precise control of extreme thermal environments, from -185 to +500°C, with rapid transitions or long dwell times. The iTS family includes four product brands: Temptronic, Sigma Systems, Thermonics, and North Sciences. inTEST Thermal Solutions is a wholly owned subsidiary of inTEST Corp, Mount Laurel, New Jersey, USA.



Temptronic



Sigma Systems



Thermonics



North Sciences

ABOUT NORTH SCIENCES

Our North Sciences product line specifically offers ULT freezers, Lab Freezers, Medical Grade Refrigerators, and Biomedical Cold Storage solutions ranging from small and portable to powerful, large storage units. Our wide selection of -86°C, Ultra-Low-Temperature (ULT) freezers provide you with the most dependable performance and low maintenance while meeting a wide range of industry requirements.

With North Sciences, you're given the ultimate peace of mind with true sample security through our innovative technology capabilities and unique design. Stock is available and located in Boston, MA.



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