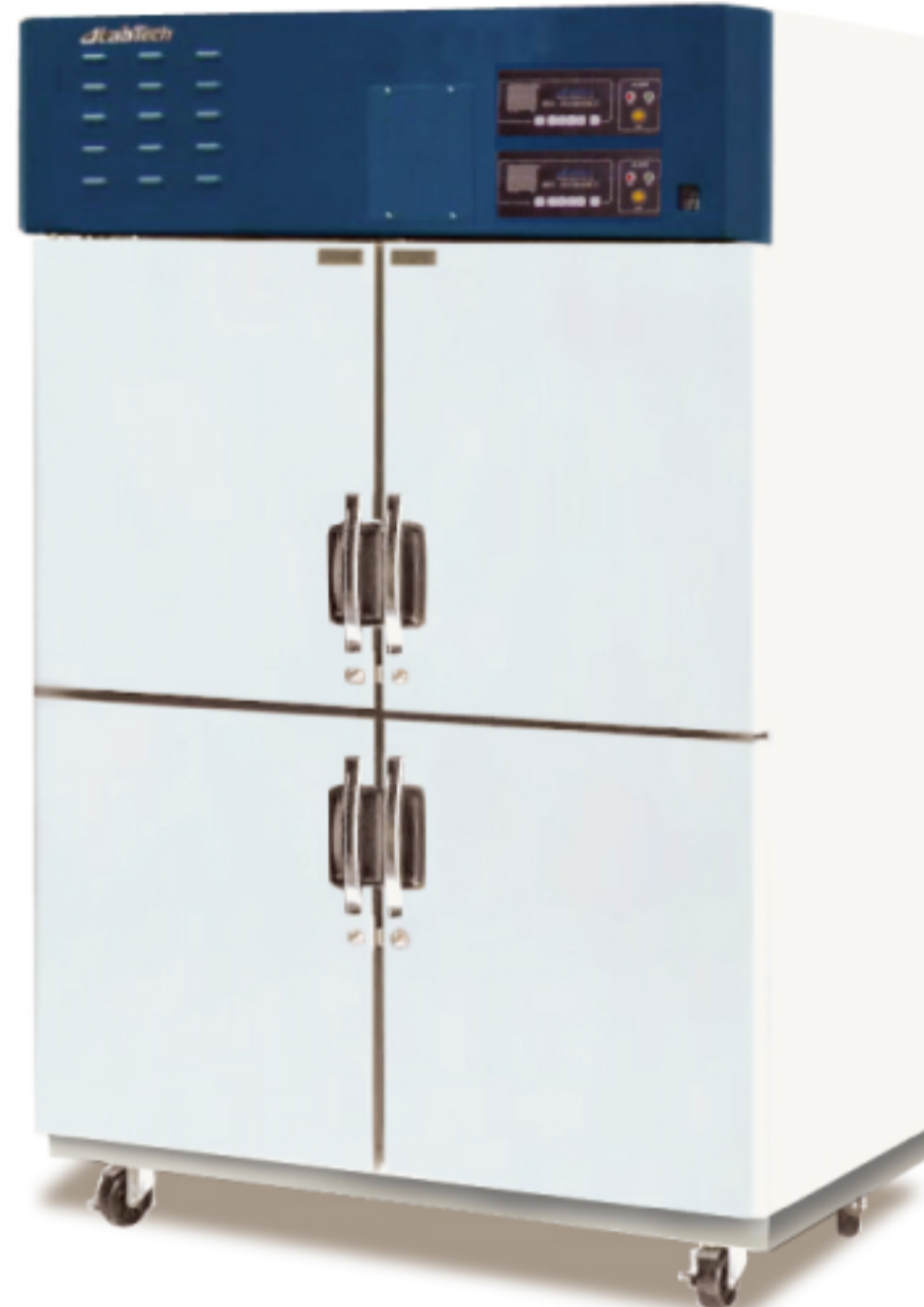
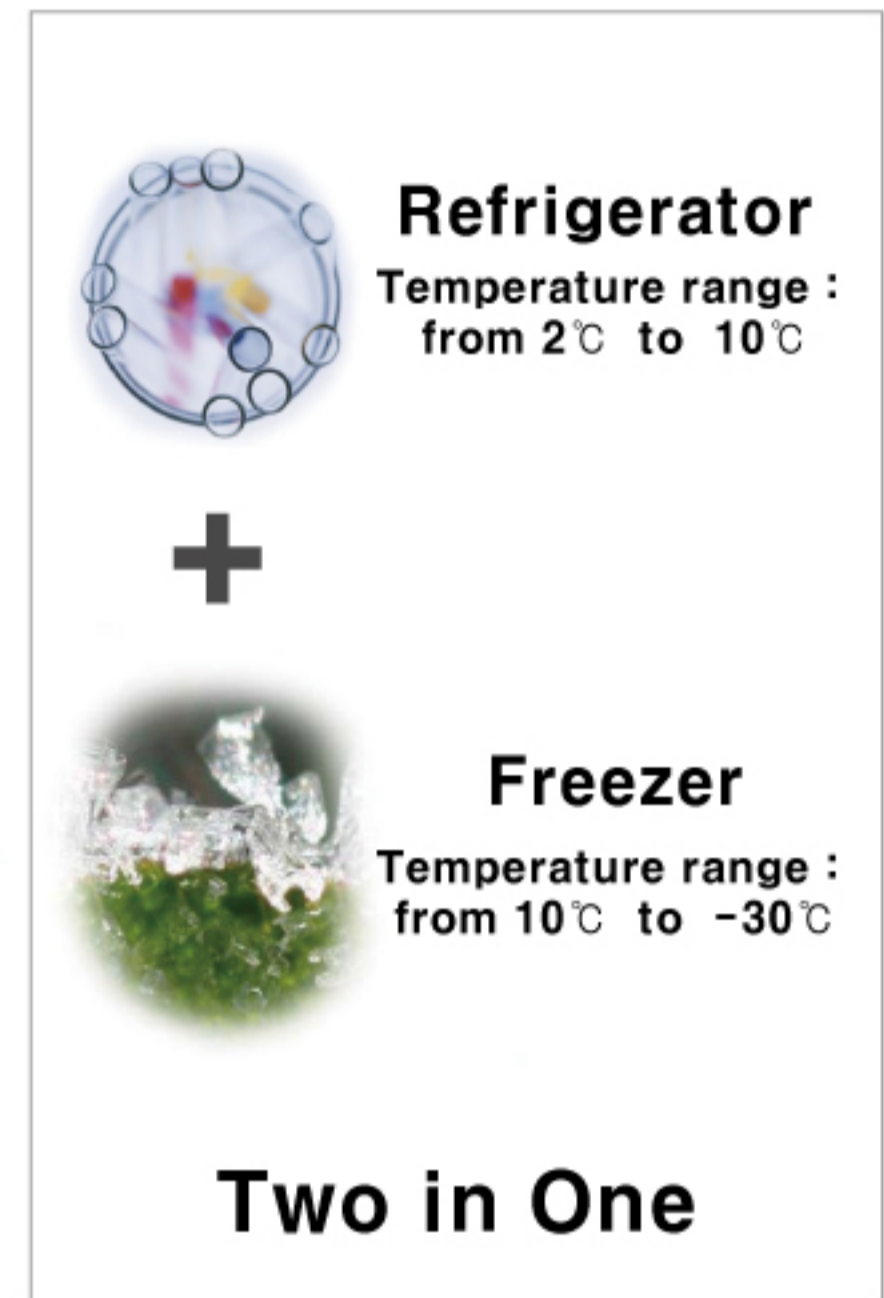




LRF-503SD-H  
(with optional recorder)



LRF-504SD-H



## Feature

### Precise Temperature Control System

Microprocessor PID controller ensures the most accurate temperature control and maintains cooled temperature during defrost cycle by unique designated technology

### Audible and Visible alarm system

High / low temperature alarm system provides safety and security storage

### Non-CFC/HCFC Refrigeration System

CFC/HCFC-free Hermetically sealed compressor and Natural Refrigerant gas are used for compliance with the New Environmental Regulation

### Magnetic packing with adjustable tension Door

Magnetic packing with adjustable enforced tension door prevent cold temperature from any air leakage

### Metal Solid door with air tight gasket

Protects samples and reagents from sun light

### High-density Polyurethane foam Insulation

With 60mm thickness Insulation provides excellent low temperature and maintains cool temperature for a long time in case of power failure

### Automatic Defrost and Dehumidify System

Unique air flow circulation and defrost system provides high precision temperature uniformity and stability

### User Friendly Design

- Built-in Fluorescent lamp with ON/OFF switch and circulation fan stops while door is opening
- Door key Lock device and password lock for safety
- Height adjustable epoxy powder coated shelf

### PC Software System

RS-232C / 485 interface to LIS / HIS requirement can be ordered as option

### Two in One combination

Refrigerator and Freezer combined with one cabinet



# Refrigerator / Freezer

### Control System




Microprocessor Digital PID Controller  
Audible / Visible Alarm System


### Alarm System

- High / Low temperature alarm
- Electric power failure alarm
- Status of door opening warning alarm
- High and low temperature check alarm

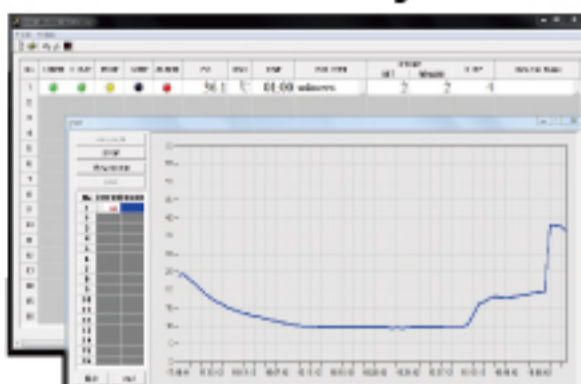
### Optional Accessories




7-days Chart Recorder



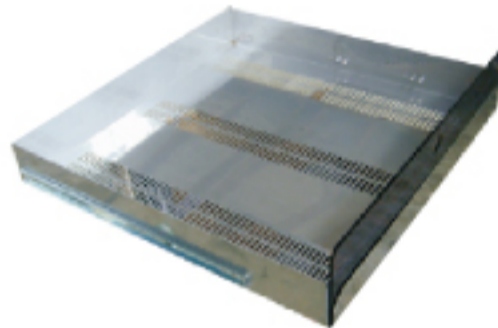
Digital Recorder




**PC Software System**  
RS - 232/485 Interface  
Graphic monitoring for temperature on real-time



Battery Back up System




STS Drawer Shelf



Compliance with International medical standard and KFPA

MODEL		LRF-503SD-H	LRF-504SD LRF-504SD-H
Dimensions (W x D x H mm)	Inner	620 x 700 x 1410	1140 x 700 x 1410
	Outer	740 x 805 x 1985	1260 x 805 x 1998
Capacity		600 ℓ (300 ℓ x 2)	1110 ℓ (555 ℓ x 2 / 277ℓ x 4)
Compressor		1 / 4 HP	1 / 2 HP
Defrost Heater		300 W	300 W
		Stable temperature during defrost cycle	
Epoxy powder coated wire shelf		6 EA	12 EA
Controller		Microprocessor Digital PID Controller	
Display		4 Digit LED Display & LED signal lamps	
Temperature	Range	Refrigerator 2°C to 10°C / Freezer 10°C to -30°C	
	Set Accuracy	0.1°C	
	Uniformity	Refrigerator ±1°C at 4°C/ Freezer ±2°C	
Material	Interior	Stainless Steel 304	
	Exterior	Epoxy powder coated EGI steel	
Door			Two Solid Door
	H-Half Door	Two Solid Door	Four Solid Door
Air Circulation		Turbo Fan with automatic stop / run during door open	
Safety		High / Low Temp. Protector, ELCB, Thermal Protector	
Electric Supply		110V, 60Hz or 220/230V, 50/60Hz	

 Custom made order is available  
Specifications can be changed without prior notice for quality improvement.