

## **-152°C Chest Cryogenic Freezer** ***CRQ 5500 Series***



### **-152°C Chest Cryogenic Freezer CRQ 5500 Series**

-152°C Chest Cryogenic Freezer CRQ 5500 Series is a horizontal type with lid, opened from the top, assisted with balanced hinges to open it easily. For easy transportation and movement, the unit is provided with casters. The refrigeration is double-core targeted refrigeration, rapid refrigeration, energy saving and environmental protection.



➤ **Design**

Designed with Manual Defrosting, Direct Cooling, environmental friendly Freon-free refrigerant, high-efficiency enclosed compressor ensuring energy saving and low noise. The door is equipped with lock to secure the sample storage.

➤ **Controller System**

Equipped with Microprocessor Controller, Digital Display and CFC-free polyurethane foam technology. Also provides with Printer to record every 20 minutes interval of time for 7 days. It prevents unauthorized access by providing key board lock function and password protection function. Two-layer heat insulating foamed door with inner and outer door seal and the insulation design of the outer door system with multiple patents can prevent loss of refrigerating capacity in an effective way.

➤ **Security System**

Equipped with audible and visual alarm systems such as High/Low temperature, High ambient temperature, Power failure, Condenser cooling failure, Sensor error, Low Battery, System Failure. It is provided with backup battery, turn-on delay and stopping interval protection function ensures reliability in running.

➤ **Applications**

Used in blood bank station, hospitals, sanitation and anti-epidemic stations, biological engineering, laboratories in colleges & universities, military enterprises and so on. Also applicable in scientific research, low temperature test of special materials, freeze red blood cell, white blood cell, skins, DNA/RNA, bones, bacteria, sperm and biological products etc.,

**Specifications**

<b>Model No.</b>	<b>CRQ 5500</b>	<b>CRQ 5501</b>
<b>Capacity</b>	128L	258L
<b>Temperature Range</b>	-110°C to -152°C	-110°C to -152°C
<b>Ambient Temperature</b>	16°C to 32°C	16°C to 32°C
<b>Refrigerant</b>	Mixture Gas	Mixture Gas
<b>Power Consumption (KWh/24hr)</b>	66.45	78
<b>Insulation Thickness</b>	212mm	200mm

<b>Internal Material</b>	304 Stainless steel	304 Stainless steel
<b>External Material</b>	Steel plates with spraying	Steel plates with spraying
<b>Foaming Lid</b>	2	3
<b>Access Port</b>	1pcs. Ø 40 mm	1pcs. Ø 40 mm
<b>Rated Power</b>	6400W	8200W
<b>Input Power</b>	7597W	8200W
<b>Rated Current</b>	34.53A	28A
<b>Internal Dimensions (W*D*H)</b>	510*460*540mm	1140*410*552mm
<b>External Dimensions (W*D*H)</b>	1665*1000*1115mm	2250*940*1120mm
<b>Packaging Dimensions (W*D*H)</b>	1785*1035*1315mm	2325*1005*1299mm
<b>Net Weight</b>	347kg	460kg
<b>Gross Weight</b>	412kg	540kg
<b>Power Supply</b>	230V±10%/50Hz	230V±10%/50Hz

### Standard and Optional Accessories

<b>Model No. Parameters</b>	<b>CRQ 5500</b>	<b>CRQ 5501</b>
<b>Casters</b>	6	6
<b>Chart Recorder</b>	Optional	Optional
<b>CO2 Backup System</b>	Optional	Optional
<b>Single type Upright Racks</b>	Optional	Optional
<b>Alarm lamp, Voltage Compensation, Remote Alarm</b>	Optional	Optional
<b>LN2 Backup System</b>	Optional	Optional