



-164°C Chest Cryogenic Freezer *CRQ 6500*

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-164°C Chest Cryogenic Freezer CRQ 6500 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. It is installed with unique refrigeration circuit design, refrigeration technology of single-stage oil slide compressor, powerful cooling ability.

➤ 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, 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

Model No.	CRQ 6500
Capacity	128L
Temperature Range	-120°C to -164°C
Ambient Temperature	16°C to 32°C
Refrigerant	Mixture Gas
Insulation Thickness	212mm
Internal Material	304 Stainless steel
External Material	Steel plates with spraying
Foaming Lid	2

Access Port	1pcs. Ø 40 mm
Rated Power	10700W
Input Power	13600W
Rated Current	20.7A
Internal Dimensions (W*D*H)	510*460*540mm
External Dimensions (W*D*H)	1665*1000*1115mm
Packaging Dimensions (W*D*H)	1815*1085*1304mm
Net Weight	347kg
Gross Weight	412kg
Power Supply	380V/50Hz

Standard and Optional Accessories

Model No. Parameters	CRQ 6500
Casters	6
Chart Recorder	Optional
CO2 Backup System	Optional
Single type Upright Racks	Optional
Alarm lamp, Voltage Compensation, Remote Alarm	Optional
LN2 Backup System	Optional