

## COMMODITY DESCRIPTION

H.S. Code	Item No	Description	Unit	Quantity
8514.10.1000		Cold Lab Chamber	SET	1

A. Model Name : JSSC-700C

B. Product Description : Cold Lab Chamber

C. Manufacturer / Origin : JS Research Inc. / Rep. of KOREA

**D. Application :**

Cold Lab Chamber provide the reliability and security essential for the protection of temperature sensitive samples to be stored in +4 °C range. Ideal for the demanding requirements of daily laboratory applications such as storage of chemicals, reagents and samples.

**E. Photo**



JSSC-700C Cold Lab Chamber

## **F. Feature**

### **Controller**

- ✓  $\pm 2.0$  °C Digital ON/OFF Control
- ✓ Temperature calibration
- ✓ Class A Pt-100  $\Omega$  sensor

### **Construction**

- ✓ Durable epoxy powder coated metallic casing
- ✓ Corrosion resistant Stainless Steel 304 chamber
- ✓ Durable Stainless Steel 304 Sheath Heater and Copper-Aluminum fin evaporator
- ✓ Double layer tempered safety glass window for easy observation of samples

### **Performance**

- ✓ Forced circulation for excellent thermal accuracy within  $\pm 2.0$  °C
- ✓ Cooling system with hermetically sealed compressor

### **Convenience**

- ✓ Outer door with self adhesive magnetic packing and glass window
- ✓ Inner glass door with high density silicone packing and air-tight door lock
- ✓ Stainless Steel 304 Chamber
- ✓ Removable and height adjustable shelf by 25mm spacing
- ✓ Adjustable automatic defrost system

### **Safety**

- ✓ DUAL OVER TEMP. CUT-OFF
- ✓ OVER COOLING. CUT-OFF
- ✓ AUDIO VISUAL ALARM
- ✓ SENSOR DISCONNECTION ALARM
- ✓ OVER CURRENT CUT-OFF : Electric Leakage Breaker

## G. Specifications

Chamber Volume (Capacity)	684 Liters
Inner Dims. (W x D x H)	750 x 730 x 1250 mm
Outer Dims. (W x D x H)	920 x 910 x 1980 mm
No. of Shelves included	4 EA
No. of Shelf position	25 EA by 25 mm spacing
Heating	Forced Air Convection
Cooling	CFC Free air cooled compressor
Temp. Range	+0°C ~ +10°C
Accuracy	±2.0°C ON/OFF Control
Uniformity	±1.6°C at +4°C
Control	Microprocessor Digital control
Sensor	Class A PT-100 Ω Sensor
Safety	Over-Temperature Cut-Off Over-Cooling Cut-Off Over Current Cut-Off
Material	Body : Epoxy Powder Coated Steel, 1.0 mm thickness Chamber : Stainless Steel 304, 0.8 mm thickness
Electrical Requirement	220 ± 10% VAC, 50/60Hz, 1-Phase
Power Rating	3.0 amps
Plug Configuration	CEE 7/7 Schuko or BS 1363
Net Weight	180 kg
Shipping Weight	260 kg
Shipping Dims. (W x D x H)	1070 x 1060 x 2180 mm, wooden crating

#### H. Standard Accessories

PVC Coated Wire Shelf : 4 EA

Shelf Support : 16 EA

Instruction Manual : 1 EA

Warranty Card : 1 EA

#### I. Options & Accessories

Art No.	Descriptions
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OEC-001	JSC-1D Digital PID Controller /w RS-232C Interface, PC Software
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OEA-001	Power Outlet Consent in Chamber for CEE 7/7 Schuko Plug
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OEA-002	Power Outlet Consent in Chamber for BS 1363 Plug
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OHC-104	∅50mm Access Port
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PHS-C16	PVC Coated Wire Shelf, W720 x D710 mm
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PHS-A99	Shelf Support, Set of 4 EA
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#### J. Warranty

1 Year full coverage warranty