

COMMODITY DESCRIPTION

| H.S. No | Item No | Description | Unit | Quantity |
|---------|---------|-----------------------------|------------|----------|
| | | Multi-Room Incubator | set | 1 |

A. Model : JSMI-05C

B. Product Description : Multi-Room Incubator

C. Manufacturer / Origin : JS Research Inc. / Korea

D. Application :

JSMI-05C Muti-Room Incubator has 5 incubation chambers in a unit to shares less footprint.

Temperature of each chamber can be controlled independently which allows to process five different conditions of incubation at the same time to save time and cost. Useful to general incubation or comparison test of samples such as food package aging test.

E. Photo



JSMI-05C Multi-Room Incubator

F. Feature

Controller

- ✓ ± 0.1 °C Digital PID Controller with LED Display
- ✓ Automatic START/STOP timer
- ✓ Adjustable timer scale 99min 59sec / 99hr 59min / 99day 23hr or continuous operation
- ✓ Temperature calibration
- ✓ Auto-tuning function
- ✓ Class A Pt-100 Ω sensor

Construction

- ✓ Durable epoxy powder coated metallic casing
- ✓ Corrosion resistant Stainless Steel 304 chamber with seamless round cornered edge allows easy decontamination and prevents leakage
- ✓ Durable Stainless Steel 304 Sheath Heater and Copper-Aluminum fin evaporator
- ✓ Tempered safety inner glass door for easy observation of samples

Performance

- ✓ Forced circulation for excellent thermal accuracy within ± 0.2 °C
- ✓ Separate heating and cooling compartment prevents contamination and maintenance free
- ✓ Cooling system with hermetically sealed compressor

Convenience

- ✓ Outer door with self adhesive magnetic packing
- ✓ Inner glass door with high density silicone packing and air-tight door lock
- ✓ Stainless Steel 304 Chamber with seamless round cornered edge allows easy decontamination and prevents leakage
- ✓ Adjustable automatic defrost system

Safety

- ✓ DUAL OVER TEMP. CUT-OFF
Digital system cut-off heater and AUDIO VISUAL ALARM in case $+2$ °C above set temperature
Analog system cut-off heater 10% above set temp.
- ✓ MAX TEMP CUT-OFF heater and AUDIO VISUAL ALARM when $+1$ °C above maximum limit
- ✓ OVER COOLING. CUT-OFF
Digital system automatically cut-off compressor in case -3 °C below set temperature
- ✓ SENSOR DISCONNECTION ALARM
- ✓ OVER CURRENT CUT-OFF : Electric Leakage Breaker

G. Specifications

| | |
|----------------------------|---|
| Number of Chambers | Five (5) Chambers |
| Chamber Volume (each) | 44 Liters |
| Inner Dims. (W x D x H) | 400 x 500 x 220 mm |
| Outer Dims. (W x D x H) | 600 x 825 x 1920 mm |
| Convention | Forced Air Convection |
| Heating | Stainless Steel 304 Sheath Heater |
| Cooling | CFC Free Hermetically Sealed Compressor |
| Temp. Range | +5°C ~ +70°C |
| Accuracy | ±0.2°C at +20°C |
| Uniformity | ±0.5°C at +20°C |
| Control | Microprocessor PID control Auto START / STOP Timer |
| Sensor | Class A PT-100 Ω Sensor |
| Safety | Over-Temperature Cut-Off Over-Cooling Cut-Off Over Current Cut-Off Inner Glass Door Switch |
| Material | Body : Epoxy Powder Coated Steel, 1.0 mm thickness Chamber : Stainless Steel 304, 0.8 mm thickness Inner Glass Door : Tempered Safety, 5 mm thickness |
| Electrical Requirement | 220 ± 10% VAC, 50/60Hz, 1-Phase |
| Heater Capacity | 400 Watt each chamber |
| Power Rating | 3.3 kW 15 Amp |
| Plug Configuration | CEE 7/7 Schuko or BS 1363 |
| Net Weight | 160 kg |
| Shipping Weight | 210 kg |
| Shipping Dims. (W x D x H) | 800 x 1100 x 225 mm, wooden crating |

H. Standard Accessories

Instruction Manual : 1 EA

Warranty Card : 1 EA

I. Options & Accessories

J. Warranty

1 Year full coverage warranty