

COMMODITY DESCRIPTION

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

A. Model : JSMI-05CL

B. Product Description : Multi-Room Incubator

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

D. Application :

JSMI-05CL Multi-Room Incubator has 5 incubation chambers in a unit to share 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-05CL Multi-Room Incubator
with Light (Photoperiodic Control)**

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
- ✓ Programmable Photoperiodic Day and Night simulation Light Control with 6 x 36 Watt Fluorescent FPL
- ✓ 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
Lighting Control	2 x 32 Watt FPL / chamber On/Off Programmable
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