

COMMODITY DESCRIPTION

H.S. Code	Item No	Description	Unit	Quantity
8418.50.1000		Dual Chamber Refrigerated Incubator	SET	1

A. Model Name : JSBI-250DC

B. Product Description : Dual Chamber Refrigerated BOD Incubator

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

D. Application :

Dual Chamber Refrigerated BOD Incubator provides large capacity volume and independent temperature control to treat large number of samples in various incubation conditions below ambient temperature for bacterial, fungal, cell and tissue culture incubation temperature range from 0 °C to 70 °C or BOD (Biological Oxygen Demand) test, QA or QC laboratory in pharmaceutical industries.

E. Photo



JSBI-250DC Dual Chamber Refrigerated 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
- ✓ Removable and height adjustable shelf by 25mm spacing
- ✓ 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

Chamber Volume (Capacity)	2 Chamber x 250 Liters
Inner Dims. (W x D x H)	2 Chamber x 500 x 500 x 1000 mm
Outer Dims. (W x D x H)	1365 x 825 x 1760 mm
Inner Glass Door (W x H)	561 x 1077 mm
No. of Shelves included	6 EA
No. of Shelf position	36 EA by 25 mm spacing
Heating	Forced Air Convection
Cooling	2 ea x CFC Free air cooled compressor, 1/3 HP
Temp. Range	+0°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 Current Cut-Off
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	2 ea x 1.0 kW
Power Rating	15.0 amps
Plug Configuration	CEE 7/7 Schuko or BS 1363
Net Weight	220 kg
Shipping Weight	350 kg
Shipping Dims. (W x D x H)	1520 x 980 x 1960 mm, wooden crating

H. Standard Accessories

PVC Coated Wire Shelf : 6 EA

Shelf Support : 24 EA

Instruction Manual : 1 EA

Warranty Card : 1 EA

I. Options & Accessories

Art No.	Descriptions
OEC-002	JSC-1D Digital PID Controller /w RS-485 Interface, PC Software
OEA-001	Power Outlet Consent in Chamber for CEE 7/7 Schuko Plug
OEA-002	Power Outlet Consent in Chamber for BS 1363 Plug
PHS-A06	Perforated Shelf, Stainless Steel 304, W470 x D480 mm
PHS-C05	PVC Coated Wire Shelf, W470 x D480 mm
PHS-A99	Shelf Support, Set of 4 EA

J. Warranty

1 Year full coverage warranty