Model JSGI-30T : Compact Incubator

JSGI-Series Compact Incubator is suitable for personal use, small food laboratory, and HACCP doing daily incubation of bacterial screening with Petri-Dish or Petri-Film.

MAIN FEATURES

PERFORMANCE

-Forced air convection with separate heating compartment

-Simple and durable design permits practical usage of bacteria screening such as HACCP laboratory

CONSTRUCTION

-Durable epoxy powder coated metallic casing

-Corrosion resistant Stainless Steel 304 chamber

-Inner glass door

CONTROLLER

-±0.1 ℃ 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

CONVENIENCE

-Outer door with self adhesive magnetic packing

-Removable shelf

SAFETY

-Controller cut-off heater and ALARM in case +2 °C above set temperature

-Controller cut-off heater and ALARM in case +1 °C above maximum temperature limit

-Over-Temp. Safety Cut-Off

-SENSOR DISCONNECTION ALARM

-OVER CURRENT CUT-OFF : Fuse

SPECIFICATIONS

DESCRIPTIONS	JSGI-30T
Dimension Data	
Chamber Volume	31.5 Liters
Inner Dims. (W x D x H mm)	300 x 300 x 350
Outer Dims. (W x D x H mm)	425 x 460 x 590
No. of Wire Coated Shelf included	2 ea
No. of Wire Coated Shelf Position	12 ea x 25mm spacing
Inner Glass Door	Yes
Performance Data	
Heating System	Forced Convection
Temp. Range	Amb. +5 °C ~ +50 °C
Accuracy	±1.0 °C at 37 °C
Uniformity	±2.0 °C at 37 °C
Controller	
Processor	Digital Microprocessor PID Temperature Controller
Display	4 digit LED Display
Temp. Calibration	Built-in Temperature Calibration
Temp. Resolution	0.1 °C
Timer Scale	99 min 59 sec / 99 hr 59 min / 99dy 23 hr
	Auto START / STOP Timer
Sensor	CLASS A PT-100 Ω Sensor

Technical specifications are subject to change without prior notice

Safety Data

Controller cut-off heater and ALARM in case +2 ^{o}C above set temperature

Controller cut-off heater and ALARM in case +1 ^{o}C above max. temp. limit

Over-Temp. Safety Cut-Off

SENSOR DISCONNECTION ALARM

OVER CURRENT CUT-OFF : Fuse

Material Data

Body	Epoxy Powder Coated Steel
Chamber	Stainless Steel 304 (AISI304)

Electrical Data

Rated voltage	220 ± 10% VAC
Power frequency	50 / 60Hz
Heater Output	100 W
Nominal power	100 W 0.5 amp
Phase	1 Phase
Plug configuration	CEE 7/7 Schuko

Usable Condition

Temp. & Humidity	5°C - 40°C, < 80% RH

Packaging Data

Shipping Dims. (W x D x H mm)	450 x 520 x 650 mm
Type of packaging	Carton
Net Weight	23.0 kg
Shipping Weight	27.0 kg

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ORDERING INFORMATION

Art. No.	Descriptions	Voltage
JSGI-30T	**Compact Incubator, 31.5 L**	220 VAC 1~ ph 50/60Hz
	including standard accessories	
	2 ea x Wire Coated Shelf	
	1 ea x Instruction Manual	
	1 ea x Warranty Certificate	

OPTIONAL ACCESSORIES

Art. No.	Descriptions
PHS-C02	Wire Coated Shelf, W295 x D290 mm
PHS-A99	Shelf Support, Set of 4

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