

Алматы (7273)495-231
Ангарск (3955)60-70-56
Архангельск (8182)63-90-72
Астрахань (8512)99-46-04
Барнаул (3852)73-04-60
Белгород (4722)40-23-64
Благовещенск (4162)22-76-07
Брянск (4832)59-03-52
Владивосток (423)249-28-31
Владикавказ (8672)28-90-48
Владимир (4922)49-43-18
Волгоград (844)278-03-48
Вологда (8172)26-41-59
Воронеж (473)204-51-73
Екатеринбург (343)384-55-89

Иваново (4932)77-34-06
Ижевск (3412)26-03-58
Иркутск (395)279-98-46
Казань (843)206-01-48
Калининград (4012)72-03-81
Калуга (4842)92-23-67
Кемерово (3842)65-04-62
Киров (8332)68-02-04
Коломна (4966)23-41-49
Кострома (4942)77-07-48
Краснодар (861)203-40-90
Красноярск (391)204-63-61
Курск (4712)77-13-04
Курган (3522)50-90-47
Липецк (4742)52-20-81

Магнитогорск (3519)55-03-13
Москва (495)268-04-70
Мурманск (8152)59-64-93
Набережные Челны (8552)20-53-41
Нижний Новгород (831)429-08-12
Новокузнецк (3843)20-46-81
Ноябрьск (3496)41-32-12
Новосибирск (383)227-86-73
Омск (3812)21-46-40
Орел (4862)44-53-42
Оренбург (3532)37-68-04
Пенза (8412)22-31-16
Петрозаводск (8142)55-98-37
Псков (8112)59-10-37

Пермь (342)205-81-47
Ростов-на-Дону (863)308-18-15
Рязань (4912)46-61-64
Самара (846)206-03-16
Саранск (8342)22-96-24
Санкт-Петербург (812)309-46-40
Саратов (845)249-38-78
Севастополь (8692)22-31-93
Симферополь (3652)67-13-56
Смоленск (4812)29-41-54
Сочи (862)225-72-31
Ставрополь (8652)20-65-13
Сургут (3462)77-98-35
Сыктывкар (8212)25-95-17
Тамбов (4752)50-40-97

Тверь (4822)63-31-35
Тольятти (8482)63-91-07
Томск (3822)98-41-53
Тула (4872)33-79-87
Тюмень (3452)66-21-18
Ульяновск (8422)24-23-59
Улан-Удэ (3012)59-97-51
Уфа (347)229-48-12
Хабаровск (4212)92-98-04
Чебоксары (8352)28-53-07
Челябинск (351)202-03-61
Череповец (8202)49-02-64
Чита (3022)38-34-83
Якутск (4112)23-90-97
Ярославль (4852)69-52-93

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Технические характеристики на охлаждаемые низкотемпературные бпк- инкубаторы, рефрижераторные, двухкамерные JSBI КОМПАНИИ JSR

Cooled INCUBATOR

5 PATTERN MEMORY 80 SEGMENTS Programmable Control



Programmable Refrigerated Incubator

JSBI CP Series Programmable Refrigerated BOD Incubator gives excellent incubation conditions below ambient temperature for bacterial, fungal, cell and tissue culture incubation with temperature vs time programming up to 5 patterns internal memory and 80 temperature segments range from 0°C to 70°C.

Specifications

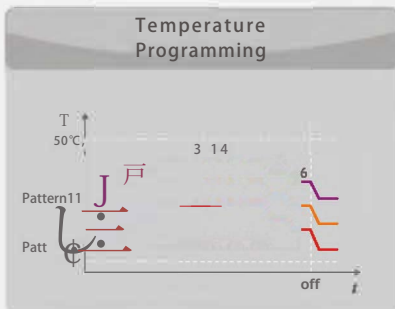
Heating	Forced Air Convection
Cooling	CFC Free air cooled compressor
Temp. Range	+0°C - 70°C
Accuracy	±0.2°C at 20.0°C (JSBI 1 SOCP)
Uniformity	±0.5°C at 20.0°C (JSBI 1 SOCP)
Control	Programmable PID Control 5 Pattern 80 Segments 999 Repeatable
Sensor	ClassA Pt 100 Q Sensor
Safety	Over Temperature Cut Off Over Current Cut Off
Material	Body : Epoxy Powder Coated Steel Chamber : Stainless Steel 304 Inner Glass Door: Tempered Safety Including PVC Coated Wire Shelf Built in Caster for easy transport
Electric	220±10% VAC 50/60Hz 1 Phase





Plug config.



CEE 7175, h, ko

BS 1363



-  Cooled -10 °C to 70 °C
-  Program Controller
5 Patterns 80 Segments
-  Timer Off ピコ
0.1
-  [OPTION] 11 Segment Program Control with RS 232C

Control Accuracy

Programmable 16 bit Microprocessor Digital PID control with ±0.1 °C resolution
5 Patterns memory 80 Segments 999 times repeatable
Constant Temp. Mode I Program Mode
Pattern link and Segment skip function
Automatic STOP timer Max. 99min 59sec / 99hr 59min
Temperature calibration and auto tuning function
ClassA Pt 100 Q sensor

泣認丘土〇. 1 ° C習国包16 bit王豆コ晋PIDき亘晉叫
 心珊目X終甘aJl旦己1 80Ailコ巴亘, 999空I王セ早包せ呈岳岳
 晋大I岳祖王セ王呈コ啓を召フ1き
 封吾否包叫目否豆卒C:t邑叫巴2呈目ヨさ国包今碍吾
 芭XH互港吾包人11コ巴巨召L:l判フ1告・
 EfOl q Lil召99岳59奎/99人1召59巷
 , 名丘旦召, 旦豆昇 7きLH召
 Class A Pt 100 0名丘性人1

Performance

- Durable epoxy powder coated metallic casing
- Corrosion resistant Stainless Steel 304 chamber
- Durable Stainless Steel 304 Sheath Heater and copper aluminum finned evaporator
- Forced circulation for excellent thermal uniformity
- Separate heating and cooling compartment prevents contamination and maintenance free
- Cooling system with hermetically sealed compressor

4I干包01早!aせOli号人1告澤I丘を邑対1
 4I早4姐01早!q甘Stainless Steel 304 XH晉q替:l:j
 甘干8叫4I早 {101早I OJ甘Stainless Steel 304 XH晉q
 甸Ei叫甘召立昏01判q\:\:t過召フI
 早三引岳吾フ1全き4答刈呈丑望せ名三そ王
 フI望替出フI卒 OIi刊刈さK叶叫対I替吾旦呈 . g社コ召0:毒吾
 4I子答0:召芭甘叶人1全目

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 cleaning and prevents contamination
- Removable and height adjustable shelf by 25mm spacing
- Auto defrost system, user settable interval and time
- Built in casters for easy transport

Ordering Information

	JSBI 150CP	JSBI 250CP	JSBI 420CP
Chamber Volume (Capacity)	150 L	250 L	420 L
Dimensions Inner	500 X 500 X 600	500 X 500 X 1000	700 X 600 X 1000
W x D x H mm Outer	680x810x 1430	680x810x 1830	880x810x 1830
Temperature Range	+0°C to 70 °C		
Accuracy at 20.0°C	±0.2°C	±0.2 °C	±0.2 °C
uniformity, at 20.0 °C	±0.5°C	±0.5 °C	±0.5°C
Number of shelves / Maximum No.	2 / 20	3 / 25	3 / 25
Heater Capacity	900W	1.0kW	1.5 kW
Refrigeration System	CFC Free Air Cooled Compressor		
Power Rating	7.1 Amp	7.6Amp	10.3Amp
Power Plug		CEE 7/7 Schuko	

心国唱卦甘4q叫早丘q哺召
 LH早弁己I丘q叫コ国丘包己Iき叫忍. 国卦4三q封名
 替叫 Iフ!国包01早!q甘
 • 苔团 q コレ e 01号刈磁01叫を三大12.I E!q以<>i Ail毒01
 召世さfコ旦答岩AI
 , 25mm召召旦豆告01王脊フ恰池せ世
 汎I 召召吳人1召号・玉習望キ毀セ・XH吾X118 人全晋
 • U円引晉召祉叫Of笛大I災01吾01世己1習

Safety

- DUAL OVER TEMP. CUT OFF
- MAX TEMP CUT OFF
- AUDIBLE VISUAL ALARMS
- SENSOR DISCONNECTION ALARM
- OVER CURRENT CUT OFF: Electric Leakage Breaker

Options

Art No.	Descriptions
OEC 003	JSC 3D Programmable Controller 1 Pattern 11 Segments /w RS 232C 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

Accessories

Art No.	Descriptions
PHS A06	Perforated Shelf, Stainless Steel 304 for JSBI 1 SOCP, 250CP W470 x D480 mm
PHS A13	for JSBI 420CP W670 x D580 mm
PHS COS	PVC Coated Wire Shelf for JSBI 1 SOCP, 250CP W470 x D480 mm
PHS C06	for JSBI 420CP W670 x D580 mm
PHS A99	Shelf Support, Set of 4

JSBI Series

REFRIGERATED BOD INCUBATOR

0 °C 70 °C

JSBI xxxC series Refrigerated BOD Incubator gives excellent incubation conditions below ambient temperature for bacterial, fungal, cell and tissue culture incubation, BOD (Biological Oxygen Demand) Test, QA/ QC in pharmaceutical laboratory.



JSBI-420C Refrigerated BOD Incubator, 420 liter

Features

Performance

Temperature Range : 0 ° to 70 ° C

Temperature Accuracy : within+/- 0.2 ° C

Temperature Uniformity : within+/- 0.5 ° C

Forced air convection for excellent thermal accuracy and uniformity.

Aero dynamic chamber designed with circulation blower to achieve superior thermal uniformity.

Separated heating and cooling compartment located on the back wall for contamination free and maintenance free.

Hermetically Sealed Air Cooled Compressor

Construction

Durable epoxy powder coated metallic casing.

Corrosion resistant Stainless Steel 304 chamber with seamless round cornered edge allows easy cleaning and prevents leakage.

Tempered Safety Inner Glass Door for easy observation of samples.

Convenience

Outer door with self adhesive magnetic packing.

Inner Glass Door with high density silicone gasket and air tight Door Lock.

Removable and adjustable shelf by 25mm spacing.

Safety

DUAL OVER TEMPERATURE CUT OFF BY CONTROLLER AND INDEPENDENT THERMOSTAT

HIGH TEMPERATURE CUT OFF AND AUDIO VISUAL ALARM

LOW TEMPERATURE CUT OFF AND AUDIO VISUAL ALARM

PT SENSOR SHORT OR DISCONNECTION AUDIO VISUAL ALARM

OVER CURRENT CUT OFF: Fuse

3-ZONE PID Algorithm

3-Point Calibration

1-Point Offset

Temperature Control

Digital Microprocessor PID Controller

High fidelity clear back light LCD displays complete setting and operating condition at a glance

UV Coated Polycarbonate Touch Panel

Easy to use Encoder Type Jog Dial for quick and convenient setting of temperature and timer

0.1 °C Control resolution

Turn On and Turn Off Timer up to 99 hour 59 min.

Temperature and Timer memory function in frequent use

3 Zone PID Algorithm

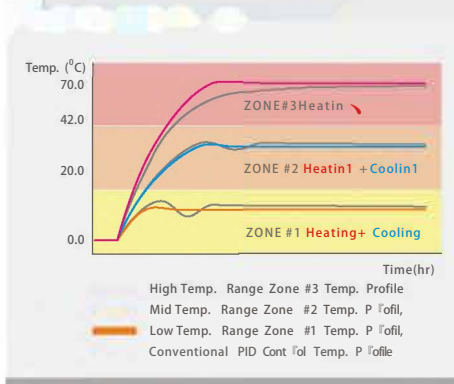
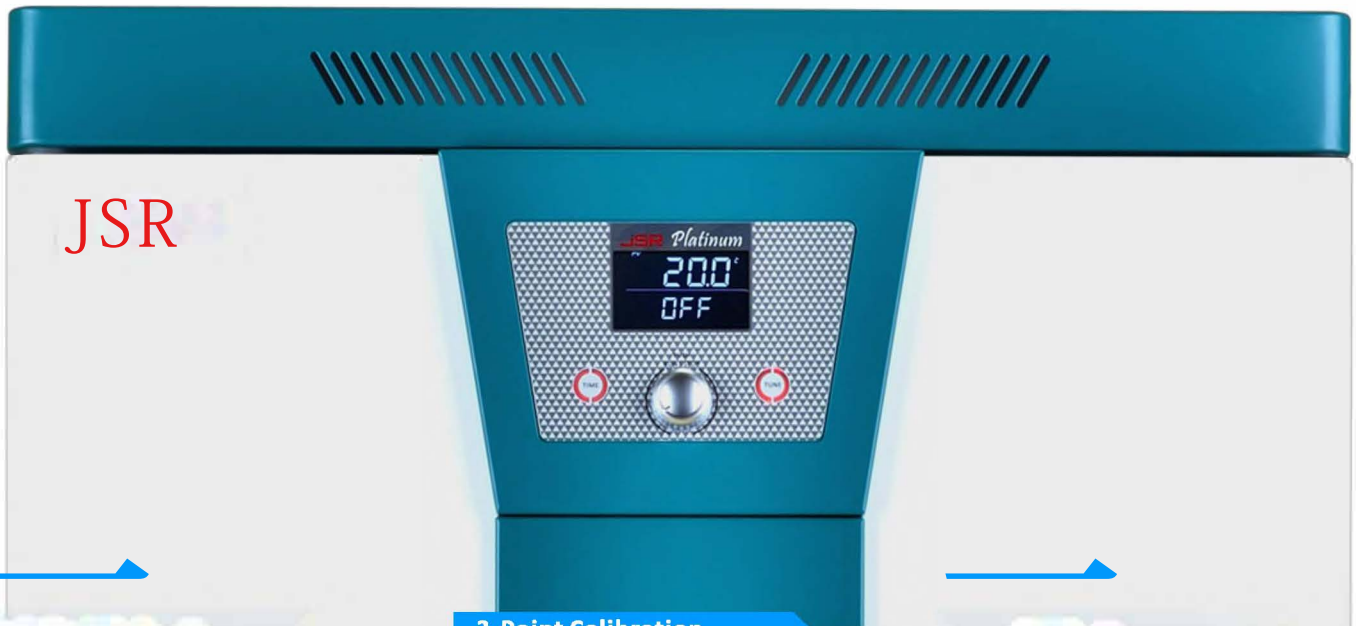
3 Point Calibration

1 Point Offset Calibration

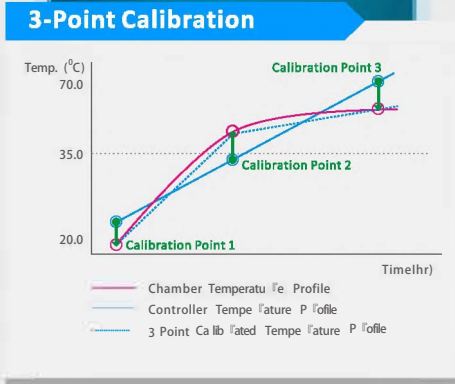
Power Outage and Restore Function

Class A Pt 100 Ohm Sensor

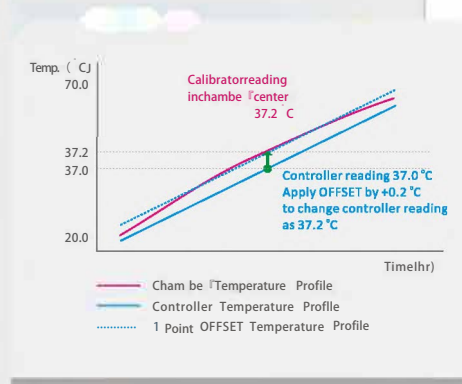
RS 232C PC Communication Interface [OPTION]



Complete temperature range is divided into three zones (LOW/MIDDLE/HIGH) and each ZONE has its individual PID algorithm to provide precise and superior temperature control characteristic of whole temperature range.



An excellent calibration tool to calibrate chamber at THREE DIFFERENT TEMPERATURE POINTS to adjust multiple temperature bias to increase temperature accuracy of WHOLE TEMPERATURE RANGE.



Provides simple and easy calibration tool to calibrate chamber at ONE SPECIFIC TEMPERATURE POINT of frequent use.

Specifications

	『SBI-SOC	『SBI-2SOC	『SBI-420C	『SBI-840C
Dimension Data				
Chamber Volume	150 Liters	250 Liters	420 Liters	840 Liters
Inner Dims. (WxDxH) mm	500 x 500 x 600	500 x 500 x 1000	700 x 600 x 1000	1400 x 600 x 1000
Outer Dims. (WxDxH) mm	680 x 825 x 1370	680 x 825 x 1770	880 x 925 x 1770	1580 x 925 x 1770
Window Dims. (WxH) mm	561x677	561 X 1077	761 x 1077	661 x 1077
No. of Shelf Positions	20 ea	36ea	36ea	72ea
No. of Shelf Included	2 ea	3 ea	3 ea	6ea
Performance Data				
Heating & Cooling System	Forced Convection with Hermetically Sealed Air Cooled Compressor			
Temperature Range	0 °C to 70 °C, 0.1 °C resolution			
Temperature Accuracy at 20.0 °C	+/- 0.2 °C	+/-0.2 °C	+/-0.2 °C	+/- 0.2 °C
Temperature Uniformity at 20.0 °C	+/- 0.5 °C	+/- 0.5 °C	+/-0.5 °C	+/-1.0 °C
Controller				
Type	Digital Microprocessor PID Temp. Controller with Capacitive Touch Button and Jog Dial			
Display	Full Size Digital Back Light Graphic LCD Display			
Control Logic	3 Zone PID Control			
Calibration	1 Point Temperature Offset 3 Point Temperature Calibration			
Turn-Off Timer	Max. 99 hr 59 min by 1 min resolution			
Turn-On Timer	Max. 99 hr 59 min by 1 min resolution			
Sensor	Class A Pt-100 Ohm Sensor			
Power Restoration	Power and Timer Restoration Function in case of power outage			
Communication Interface	RS-232C Communication Interface [OPTION]			
Material Data				
Body	Epoxy Powder Coated Steel			
Chamber	Stainless Steel 304 (AISI304)			
Inner Glass Door	5.0 mm Thick Tempered Safety Glass Door			
Safety Data				
Safety Device	Over Temperature/ Over Cooling / Over Current Protection Audio Visual Alarm			
Electrical Data				
Power Requirement	230 +/- 10% VAC 50/60 Hz 1 Phase			
Power Consumption	1.6kW 7.1amp	1.8kW 7.6amp	2.4 kW 10.3 amp	5.0 kW 22.0 amp
Plug Configuration	CEE 7/7 Schuko or BS 1363			
Usable Condition				
Temp. & Humidity	5 °C - 40 °C, 80% RH Max.			

Ordering Information

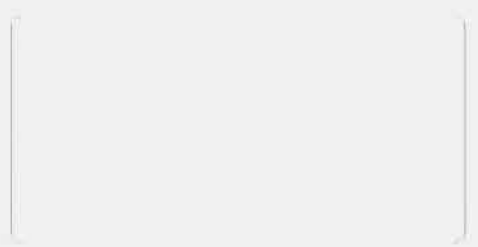
JSBI Series REFRIGERATED BOD INCUBATOR 0 °C - 70 °C

	Descriptions	
JSBI 150C	Refrigerated BOD Incubator 150 Liter	230 VAC 1 ph 50/60Hz
JSBI 250C	Refrigerated BOD Incubator 250 Liter	230 VAC 1 ph 50/60Hz
JSBI 420C	Refrigerated BOD Incubator 420 Liter	230 VAC 1 ph 50/60Hz
JSBI 840C	Refrigerated BOD Incubator 840 Liter	230 VAC 1 ph 50/60Hz

	Shelves	
PHS A06	Perforated Shelf, Stainless Steel 304, for JSBI ISOC	W470 x D480 mm
PHS A06	Perforated Shelf, Stainless Steel 304, for JSBI 250C	W470 x D480 mm
PHS A13	Perforated Shelf, Stainless Steel 304, for JSBI 420C	W670 x D580 mm
PHS A14	Perforated Shelf, Stainless Steel 304, for JSBI 840C	W675 x D525 mm
PHS C05	Wire Shelf, PVC Coated, for JSBI ISOC	W470 x D480 mm
PHS C05	Wire Shelf, PVC Coated, for JSBI 250C	W470x D480 mm
PHS C06	Wire Shelf, PVC Coated, for JSBI 420C	W670 x D580 mm
PHS C07	Wire Shelf, PVC Coated, for JSBI 840C	W675 x D525 mm
PHS A99	Shelf Support, Set of 4 ea	



JSBI ISOC 150 Liter JSBI 250C 250 Liter JSBI 420C 420 Liter JSBI 840C 840 Liter



Laboratroy

INCUBATOR

SELECTION GUIDE

JSGI-Series General Heated Incubator



- , амь. +5 °C - 70 °C
- Constant Temperature
- Timer On / Off
- RS-232C or 485 [OPTION]
- Program Controller
- 5 PTN 80 SEG [OPTION]



MODEL	CAPACITY	TEMPERATURE	ACCURACY
JSGI-050T	48 L	amb. + 5 °C - 70 °C	± 0.2 °C
JSGI-100T	96 L		± 0.2 °C
JSGI-150T	150 L		± 0.2 °C
JSGI-250T	250 L		± 0.3 °C
JSGI-250DT	2 x 250 L		± 0.3 °C

JSGI-Series Compact Incubator



- , амь. +5 °C - 50 °C
- Constant Temperature
- Timer On / Off



MODEL	CAPACITY	TEMPERATURE	ACCURACY
JSGI-10T	9.3 L	amb. + 5 °C	± 0.2 °C
JSGI-30T	31.5 L	- 50 °C	± 0.2 °C

JSBI-C Series Cooled BOD Incubator



- , +0 °C - 10 °C
- Constant Temperature
- Timer On / Off
- RS-232C or 485 [OPTION]



MODEL	CAPACITY	TEMPERATURE	ACCURACY
JSBI-050C	50 L	+ 0 °C - 10 °C	± 0.2 °C
JSBI-100C	100 L		
JSBI-150C	150 L		
JSBI-250C	250 L		
JSBI-420C	420 L		
JSBI-840C	840 L		

JSBI-CP Series Programmable Cooled Incubator



- , +0 °C - 10 °C
- Program Controller
- 5 PTN 80 SEG
- RS-232C or 485 [OPTION]



MODEL	CAPACITY	TEMPERATURE	ACCURACY
JSBI-150CP	150 L	+ 0 °C - 10 °C	± 0.2 °C
JSBI-250CP	250 L		
JSBI-420CP	420 L		

JSBI-DCP Series Dual Chamber Cooled Incubator



- Dual Chamber
- +0 °C - 70 °C
- Constant Temperature or Program Controller
- 5 PTN 80 SEG
- Timer On / Off
- RS-232C or 485 [OPTION]



MODEL	CAPACITY	TEMPERATURE	ACCURACY
JSBI-250DC	2 x 250 L	+0°C - 70 °C	± 0.2 °C
JSBI-250DCP			

JSMI-02 Series 2 Chamber Incubator

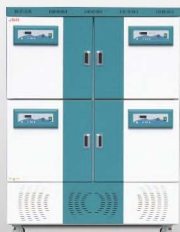


- Dual Chamber
- +0 °C - 70 °C
- Constant Temperature or Program Controller
- 5 PTN 80 SEG
- Timer On / Off
- Photoperiodic Light Control
- RS-232C or 485 [OPTION]

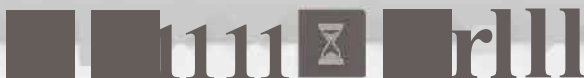


MODEL	CAPACITY	TEMPERATURE	FEATURE
JSMI-02C	2 x 125 L	+0°C - 70 °C	Constant
JSMI-02CP			Program
JSMI-02CPL			Light

JSMI-04 Series Multi-Room Incubator



- Four Chamber
- +0 °C - 70 °C
- Constant Temperature or Program Controller
- 5 PTN 80 SEG
- Timer On / Off
- Photoperiodic Light Control
- RS-232C or 485 [OPTION]



MODEL	CAPACITY	TEMPERATURE	FEATURE
JSMI-04T	4 x 125 L	amb. + 5°C-70°C	Heated
JSMI-04C		Cooled	
JSMI-04CP		0°C - 70 °C	Program
JSMI-04CPL		Light	
JSMI-05C(L)	5x44 L	+5 °C - 70 °C	Cooled
JSMI-0BCP(L)	8 x 26 L	+5 °C - 70 °C	Cooled

JSSC-Series Cold Lab Storage Chamber



- 4 °C Refrigerator
- On/Off Control
- RS-232C or 485 [OPTION]



MODEL	CAPACITY	TEMPERATURE	ACCURACY
JSSC-700C	686 L	+0°C - 10 °C	± 2.0°C
JSSC-1200C	1176 L		

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INCUBATOR

HEATED REFRIGERATED Standards & Options

Controller Guide

	JSC-OD Basic Controller	JSC-1D Digital PID Controller	JSC-3D Programmable Controller	JSC-5D Programmable Controller
Type	Digital PID	Digital PID	16-bit Microprocessor	
Display	LED		2-Line Back light LCD	
Operation	Constant Temperature		Constant Temp. Mode Program Mode	
Accuracy	± 0.1 °c		± 0.1 °c	
Timer	Auto START/STOP		Auto STOP	
TimerScale	Max. 99min 59sec / 99hr 59min / 99 day 23hr selectable		Max. 99min 59sec / 99hr 59min selectable	
Pattern Memory	n/a	n/a	1 Pattern	5 Patterns
Max. Segment			11 Segments	80 Segments
Max. Repeats			999 or unlimited	999 or unlimited
			Segment Skip	Segment Skip Pattern Link
Light Control			On/Off control integrated with programming	
RS-232C or RS-485	n/a	Yes [OPTION]	Yes [OPTION]	Yes [OPTION]
PC Software	n/a	Yes [OPTION]	Yes [OPTION]	n/a
Calibration	Yes	Yes	Yes	Yes
Auto-tuning	Yes	Yes	Yes	Yes

JSC-OD



JSC-1 D



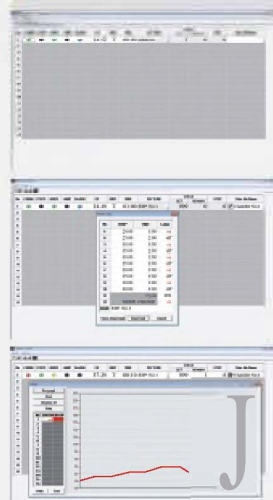
JSC-3D



JSC-5D



PC Software [OPTION]



- RS-232C Serial Port Communication
- Turn On and Off control
- Temperature and Timer Setting
- Pattern Programming and uploading
- Current temperature Graph Rendering
- Temperature Data Logging
- Alarm Signal
- RS-232C ASCII Data Collection

ASCII Data Collection

Date	Time	Temp	Step	Seg	Cycle
2014:01	:0a 09:00:00	37.00	00:05	28	001/999
2014:01	:0a 09:00:10	37.01	00:05	28	001/999
2014:01	:0a 09:00:20	37.01	00:05	28	001/999
2014:01	:0a 09:00:30	37.00	00:05	28	001/999

Performance & Convenience

▶ Construction



- , Durable epoxy powder coated metallic casing

Chamber



- , Corrosion resistant Stainless Steel 304 chamber with seamless round cornered edge allows easy cleaning and prevents leakage

Inner Glass Door



- , High density silicone packing with air-tight door lock
- , Removable and height adjustable shelf by 25mm spacing

▶ Light Control



- , Programmable Photoperiodic Lighting control system
- , iHJ-2.◆01 7f%◆

Safety



- , DUAL OVER TEMP. CUT-OFF
 - 1) Digital system cut-off heater and AUDIO VISUAL ALARM in case +2°C above set temperature
 - 2) Analog system cut-off heater 10% above set temp.
- , MAXTEMP CUT-OFF heater andAUDIO VISUALALARM when +1°C above maximum limit
- , GLASS DOOR SWITCH
- , SENSOR DISCONNECTION ALARM
- , OVER CURRENT CUT-OFF : Electrical Leakage Breaker

▶ Maintenance



- , Easy to maintain refrigeration system with dust filter

2-Chamber COOLED INCUBATOR

INDEPENDENT TEMPERATURE CONTROL High Efficiency



Dual Chamber Refrigerated Incubator

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.

Specifications

Heating	Forced Air Convection
Cooling	CFC-Free air cooled compressor
Temp. Range	+ 0°C - 70 °C
Accuracy	± 0.2 °C at 20.0°C
Uniformity	± 0.5 °C at 20.0°C
Control	Microprocessor PID Control (JSBI-250DC) Programmable PID Control (JSBI-250DCP)
Sensor	ClassAPT-100 Q Sensor
Safety	Over-Temperature Cut-Off Over Current Cut-Off
Material	Body : Epoxy Powder Coated Steel Chamber: Stainless Steel 304 Inner Glass Door: Tempered Safety Including PVC Coated Wire Shelf Built-in Caster for easy transport
Electric	220 ± 10% VAC 50/60Hz 1-Phase

Plug config.



or



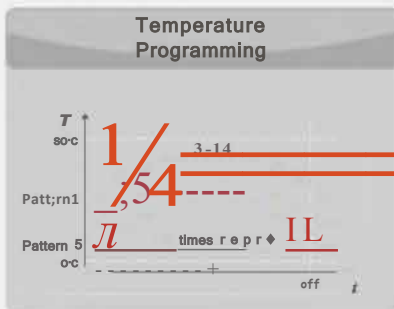
CE 717 Schuko

8S1363

JSBI-250DC ControHer

- ± 0.1 °C Digital PID Controller with automatic START/STOP timer max. 99min 59sec / 99hr 59min / 99day 23hr
- Temperature calibration, auto-tuning function
- ClassAPT-100 Q sensor

- ◆◆◆ PID



- Dual Chamber Independent Temperature
- Cooled -10 °C to 70 °C
- Constant Temperature Controller
- Program Controller
5 Patterns 80 Segments
- RS-485 Multi-Drop Computer Interface

JSBI 250DCP Controller

- Programmable** 16 bit Microprocessor Digital PID control with ± 0.1 °C resolution
- 5 Patterns** memory 80 Segments 999 times repeatable
- Constant Temp. Mode / Program Mode**
- Pattern link** and Segment skip function
- Automatic STOP** timer Max. 99min 59sec / 99hr 59min
- Temperature calibration** and auto tuning function
- Class A Pt 100** Q sensor

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Performance

- Durable epoxy powder coated metallic casing
- Corrosion resistant Stainless Steel 304 chamber
- Durable Stainless Steel 304 Sheath Heater and copper aluminum finned evaporator
- Forced circulation for excellent thermal uniformity
- Separate heating and cooling compartment prevents contamination and maintenance free
- Cooling system with hermetically sealed compressor

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Ordering Information

	JSBI 250DC	JSBI 250DCP
Chamber Volume (Capacity)	250 L x 2 Chamber 2 Door	
Dimensions Inner	500 X 500 X 1000	
W x D x H mm Outer	1365 X 825 X 1760	1365 X 810 X 1830
Temperature Controller	JSC 1 D Digital PID Control	JSC 5D Programmable Controller
Range	+0 °C to 70 °C	
Accuracy at 20.0°C	±0.2°C	
Uniformity at 20.0°C	±0.5°C	
Number of shelves / Maximum No.	3 / 20 per chamber	
Heater Capacity	1.0 kW x 2 ea	
Refrigeration System	CFC Free Air Cooled Compressor	
Power Rating	15.0Amp	
Power Plug	CEE 7/7 Schuko	

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 cleaning and prevent contamination
- Removable** and height adjustable shelf by 25mm spacing
- Auto defrost** system, user settable interval and time
- Built in casters** for easy transport

Safety

- DUAL OVER TEMP. CUT OFF**
- MAX TEMP CUT OFF**
- AUDIBLE VISUAL ALARMS**
- SENSOR DISCONNECTION ALARM**
- OVER CURRENT CUT OFF: Electric Leakage Breaker**

Options

Art No.	Descriptions
OEC 002	JSC 1 D Constant Temperature Controller /w RS 485C Multi Drop Interface, PC Software
OEC 004	JSC 3D Programmable Controller 1 Pattern 11 Segments /w RS 485 Multi Drop 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

Accessories

Art No.	Descriptions
PHS A06	Perforated Shelf, Stainless Steel 304 for JSBI 250D((P) W470 x D480 mm
PHS C05	PVC Coated Wire Shelf for JSBI 250D((P) W470 x D480 mm
PHS A99	Shelf Support, Set of 4

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Ангарск (3955)60-70-56
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Астрахань (8512)99-46-04
Барнаул (3852)73-04-60
Белгород (4722)40-23-64
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Брянск (4832)59-03-52
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