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Технические характеристики на настольные шейкеры, компактные орбитальные шейкеры, реципрокные шейкеры JSOS-500, JSOS-300 КОМПАНИИ JSR

Shaking INCUBATOR

SELECTION GUIDE Accessories

Platform & Accessories



DESCRIPTIONS	JSOS-300 Art. No.	JSOS-500 Art. No.	JSSI-070T(C) Art. No.
Adaptor Kit for Reciprocal Motion	-	PHF-P11	-
Stacking Bracket Kit	-	-	-
Universal Spring Rack	-	PHF-USO PHF-U70	PHF-U40
Dimensions		W490 x D470 mm W690 x D650 mm	W430 x D380 mm
holds approx. 100 ml		20 ea 42 ea	
250ml		12 ea 25 ea	
500ml		9 ea 19 ea	
1000 ml		5 ea 15 ea	
2000 ml		4 ea 8 ea	
Universal Flask Platform	PHF-PJO	PHF-P60 PHF-P70	PHF-P40
Dimensions	W275xD345mm	W495 x D495 mm W700 x D650 mm	W430 x D380 mm
holds maximum 50 - 100 ml	8 ea	25 ea 41 ea	
polycarbonate 200 - 300 ml	6 ea	16 ea 25 ea	
flask holder 500 ml	5 ea	16 ea 25 ea	
1000 ml	3 ea	9 ea 16 ea	
2L / 3L / 5L	2 ea	5 ea 9 / 9 / 5 ea	
Dedicated Flask Platform incl. PC Flask Holder 50-100ml	-	PHF-P61 PHF-P71	-
		36 ea 72 ea	
Dedicated Flask Platform incl. PC Flask Holder 200-300ml	-	PHF-P62 PHF-P72	-
		25 ea 42 ea	
Dedicated Flask Platform incl. PC Flask Holder 500 - 1000 ml	-	PHF-P63 PHF-P73	-
		16 ea / 9 ea 25 ea / 16 ea	
Non-Slip Rubber Mat	PHF-M30	PHF-M60 PHF-M70	PHF-M40

Universal Spring Rack

Art. No.

PHF-USO 490x470x 140 mm
for JSOS-500, JSSI-100,

PHF-U70 690 x 650 x 140 mm
for JSSI-300, JSSI-2CML,
JSSI-4CML, JSSI-202CL



Stainless Steel Flask Holder

Art. No.

PHF-501 100 ml
PHF-502 250 ml
PHF-503 500 ml
PHF-S04 1000 ml
PHF-S05 2000 ml
PHF-506 3000 ml
PHF-507 5000 ml



Platform & Accessories



DESCRIPTIONS	JSSI-300	JSSI-xCML	JSSI-202CL	JSSI-200	JSSI-100
Adaptor Kit for Reciprocal Motion		Art. No. PHF-P11		PHF-P11	
Stacking Bracket Kit		-		PHF-P12	
Universal Spring Rack		PHF-U70		PHF-U50	
Dimensions		W690 x D650 mm		W490 x D470mm	
holds approx.	100ml	42 ea		20 ea	
	250 ml	25 ea		13 ea	
	500 ml	19 ea		10 ea	
	1000ml	15 ea		6 ea	
	2000ml	8 ea		5 ea	
Universal Flask Platform		PHF-P70		PHF-P50	
Dimensions		W700 x D650 mm		W500 x D465mm	
holds maximum	50-100ml	41 ea		32 ea	
polycarbonate	200 - 300 ml	25 ea		20 ea	
flask holder	500ml	25 ea		9 ea	
	1000ml	16 ea		9 ea	
	2L / 3L / 5L	9 ea / 9 ea / 5 ea		5 ea / 4 ea / 2 ea	
Dedicated Flask Platform		PHF-P71		PHF-P51	
incl. PC Flask Holder 50-100ml		72ea		36 ea	
Dedicated Flask Platform		PHF-P72		PHF-P52	
incl. PC Flask Holder 200-300ml		42 ea		20 ea	
Dedicated Flask Platform		PHF-P73		PHF-P53	
incl. PC Flask Holder 500 - 1000 ml		25 ea/ 16 ea		12 ea/ 9 ea	
Non-Slip Rubber Mat		PHF-M70		PHF-M50	

Polycarbonate Flask Holder

Art. No.	Size Adjustable
PHF-P01	50-100 ml
PHF-P02	200 - 300 ml
PHF-P03	500 - 1000 ml



Test Tube Holder

Art. No.	Size
PHF-T01	8 mm Dia. for 80 test tubes
PHF-T02	10 mm Dia. for 80 test tubes
PHF-T03	12 mm Dia. for 54 test tubes
PHF-T04	14 mm Dia. for 54 test tubes
PHF-T05	16 mm Dia. for 30 test tubes
PHF-T06	25 mm Dia. for 15 test tubes
PHF-T07	35 mm Dia. for 8 test tubes



Shaking

INCUBATOR

PROMINENT
ADVANTAGE

Feature

Controller

JSC 7S Controller



Integrated Digital PID Controller
Temperature control with ± 0.1 °C
Shaking speed control within ± 1 rpm
 Automatic STOP timer
 Max. 99min 59sec / 99hr 59min
 | 99day 23hr
Dual digital LED displays
 TEMP, RPM and remaining TIME
Temperature calibration
Shaking speed calibration
Slow Start and Stop Control
Auto tuning function
Class A Pt 100 Q sensor

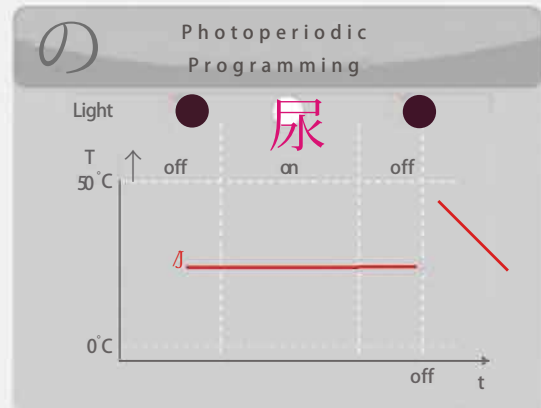
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 名丘刈q召国丘: ± 0.1 °C
 心屯今三:11 Di唱国三: ± 1 rpm
 , EfO:叫菩召恣I 99岳59恣/99人1召59岳
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 Class A Pt 100呂丘性人1

Chamber Light

£ P Ec1F1cMooELsoNLv1



Programmable Photoperiodic lighting control system
 世吾王型01才幾世
 玉丘ON/OFF丑呈ゴ君フキ



Performance & Convenience

Construction



Self balanced door with magnetic packing, glass window and lighting
 , 슌凶凶甘421叫忍 . 0; 吾召卦
 弁.2.1 召叫丑g 吾

Chamber



Corrosion resistant Stainless Steel 304 chamber
 LH 旱 0判q せStainless Steel
 304 X" 習I 繕り

Interchangeable Platforms



Various interchangeable shaking platforms
 吾丘0li[[f叫・丑菩習キ烈セ・
 E戊) を! 丑世晉哭吾

Maintenance



Easy to maintain refrigeration system
 芭己1包弁・s1르令

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.

MAX TEMP CUT OFF heater and AUDIO VISUAL ALARM when if +1°C above maximum limit

MAX RPM CUT OFF motor and AUDIO VISUAL ALARM when +10 rpm above maximum limit

MOTOR FAILURE ALARM in case of shaking start failure

DOOR SENSOR: Cut off motor when door opened

SENSOR DISCONNECTION ALARM

OVER CURRENT CUT OFF : Electrical Leakage Breaker

01 吾叫望甘XI 召勾

- 1) 省召名.f +2 ° C 奎叫人1司E1大tせ奥人1丑召望吾
- 2) き亘暑叫2弄豆XI 習呂丘10% 奎叫人I せ!E1大f Ef

珀ゴ 0三省習f合 : 叫吾 菩J1名丘 +1°c 奎叫人I せE1大HJ
 gユ今三望會フI与 : 召吾社J1全丘 +10 rpm 奎叫人I せE1大HJ

令!c.OI 望甘f岩 : 丑世0村人I省目

三q士早1刃 : 三q晉望巴旦E1f恐XIもド1人f吾XH昌与空

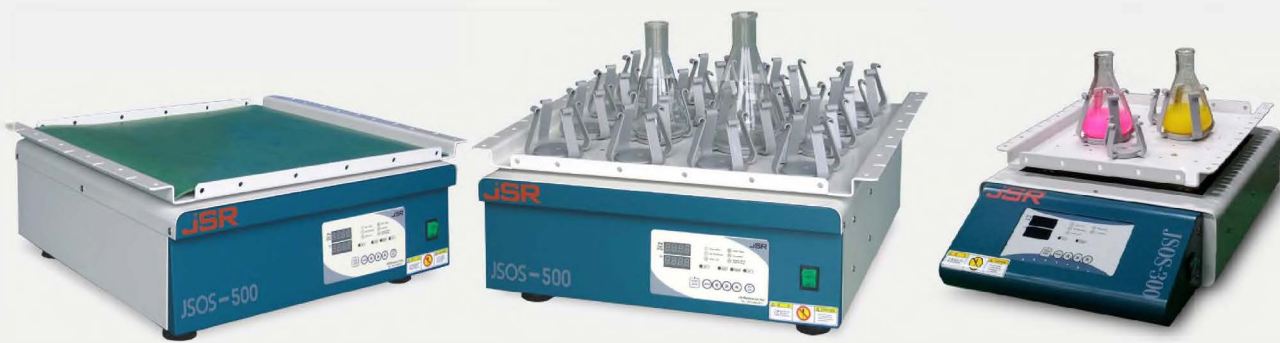
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ヤ咆朴せ71 : 召フ1午笛人1手ををI丈H吐

Orbital SHAKER

JSOS-300
JSOS-500

Orbital or Reciprocal



Orbital Shaker

JSOS Series for agitating samples in a container (e.g. flasks, bottles, tubes) in ambient condition to aerating, mixing and extracting samples. Various application in chemistry, biomedical, pharmaceutical, cell culture, tissue culture, environmental and agriculture applications.

Specifications

Shaking Motion	JSOS 300	Orbital
	JSOS 500/700	Orbital and Reciprocal
Speed Range	20 - 350 rpm (orbital)	
Accuracy	±1 rpm	
Control	Microprocessor Feedback Control Auto STOP Timer	
Safety	Over Speed Cut Off	
Material	Body : Epoxy Powder Coated Steel Platform : Steel with Epoxy Powder Coating Spring Rack : Stainless Steel 304	
Electric	220±10% VAC 50/60Hz 1 Phase	

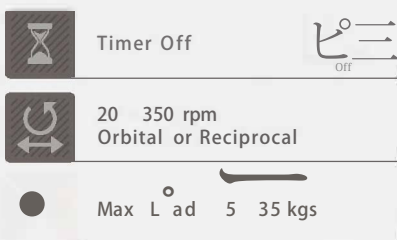
Plug config.



Control Accuracy

Digital feedback RPM controller with automatic STOP timer
max. 99min 59sec / 99hr 59min / continuous
4 digit dual digital LED displays RPM and TIME
Inbuilt rpm calibration function
Adjustable smooth start and stop motion

- 11: 三珊 Xi q 甘4 さ亘晉叫セ ム世合丘晉 ±1 rpmせ引豆x11 0
叫0回99岳59奈. / 99人1召59岳 / 包今囚呑・笛召フキ
- 今三 人1召丑人 E:ス1世LED E全: 晉叫01
- 全三旦召イキ』召
- 早三叫岳フト舍庚召舍X11qフ1岩・



Performance

Speed control from 20 to 350 rpm
 Precise feedback control within ±1 rpm
 Durable shaking mechanism with powerful AC motor supports orbital or reciprocal shaking motion maximum load up to 35 kgs for JSOS 500
 Orbital shaking only for JSOS 300

20 350 rpm 全丘王晉フ1岩
 ±1 rpm 習国丘9叫三逝X110
 召司芭AC且E1呈子忌日セ召君叶Iヲ因吾色空I召吳吾呈
 岳吾号吾人I哺ス1名(JSOS 500)
 JSOS 300 且せ名空I召岳吾巴Xiぎ

Convenience

Height adjustable level feet for balancing, anti vibration
Various choice of shaking platforms
 > Reciprocal Motion Adaptor
 > Universal Spring Rack
 > Universal Flask Holder Platform
 > Dedicated Flask Holder Platform
 > **Nonslip** Rubber Mat
 > Size adjustable poly carbonate flask holder
 > Stainless steel flask holder
 > Test Tube Rack

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Safety

MAX RPM CUT OFF motor and AUDIO VISUAL ALARM
 MOTOR FAILURE ALARM
 OVER CURRENT CUT OFF

Accessories

Art No.	Descriptions	
	for JSOS 300	
PHF P30	Flask Holder Platform	W275 x D345 mm
PHF M30	Non Slip Rubber Mat	W275 x D345 mm
	for JSOS 500	
PHF P11	Adaptor Kit for Reciprocal Motion	
PHF U50	Universal Spring Rack	W490 x D470 mm
PHF P60	Flask Holder Platform	W495 x D495 mm
PHF M60	Non Slip Rubber Mat	W495 x D495 mm
	Oversized platform for JSOS 500	
PHF U70	Universal Spring Rack	W690 x D650 mm
PHF P70	Flask Holder Platform	W700 x D650 mm
PHF M70	Non Slip Rubber Mat	W700 x D650 mm
PHF Pxx	Polycarbonate Flask Holder	50 1000 ml
PHF Sxx	Stainless Steel Flask Holder	100 5000 ml
PHF Txx	Test Tube Rack	Dia. 8 35 mm

Shaking Incubator supplied without shaking platform and accessories
 Refer Ordering Information page 56

Ordering Information

		JSOS 300	JSOS 500
Shaking Motion	Speed /Stroke	Orbital 20 350 rpm	Orbital and Reciprocal 20 350 rpm
	Dimensions Platform	W275 x D345 mm	W495 x D495 mm
W x D x H mm	Oversized Platform	none	W700 x D650 mm
	Outer Max. Load	350x520x165 15 kgs	545 X 565 X 350 35 kgs
Motor Capacity		15 Watt	25 Watt
Power Rating		0.5 Amp	0.5Amp
Power Plug		CEE 7/7 Schuko	

Shaking

INCUBATOR

SELECTION GUIDE

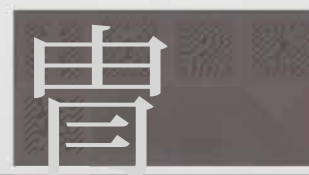
Complete Range



JSSI-300 Series
Floor Standing



JSSI-200 Series
Stackable



MODEL	JSSI-300T	JSSI-300C	JSSI-300CL	JSSI-200T	JSSI-200C	JSSI-200CL
SHAKING PLATFORM	W 700 x D 650 mm			W 500 x D 465 mm		
No. OF PLATFORM	1			1 Shaking & Static Shelf		
ORBITAL	yes			yes		
RECIPROCAL	yes			yes		
STATIC SHELF	no			yes		
TEMP. RANGE	heating	cooling	Cooling	heating	cooling	Cooling
LIGHTING	no	no	yes	no	no	yes
MAX. No. OF FLASKS	Universal Platform		Dedicated Platform	Universal Platform		Dedicated Platform
100 ml	41		72	32		36
200ml	25		42	20		20
500ml	25		25	9		12
1000 ml	16		16	9		9
2000ml	9		-	5		-
3000 ml	9		-	4		-
5000 ml	5		-	2		-

JSSI-100 Series
Compact

JSSI-CML Series
Multi-Stack

JSSI-202C
Multi-Chamber

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國 閔 霞

1 麟 若 a
國 閔 冒

JSSI-100T		JSSI-100C		JSSI-2CM(L)		JSSI-4CM(L)		JSSI-202C		JSSI-202CL		MODEL
W 500 x O 465 mm				W 700 x D 650 mm				W 700 x D 650 mm				SHAKING PLATFORM
1				2		4		2 Chamber x 2 Platform				No. OF PLATFORM
yes				yes				yes				ORBITAL
yes				yes				yes				RECIPROCAL
no				no				no				STATIC SHELF
heating				Cooling_JCooling								TEMP. RANGE
no				yes (CML model only)				no		yes		LIGHTING
Universal Platform	Dedicated Platform	Universal Platform	Dedicated Platform	Universal Platform	Dedicated Platform	Universal Platform	Dedicated Platform	Universal Platform	Dedicated Platform	MAX. No. OF FLASKS		
32	36	41	72	41	72	41	72	41	72	100ml		
20	20	25	42	25	42	25	42	25	42	200ml		
9	12	25	25	25	25	25	25	25	25	500ml		
9	9	16	16	16	16	16	16	16	16	1000 ml		
5	-	9	-	9	-	9	-	9	-	2000 ml		
4	-	9	-	9	-	9	-	9	-	3000 ml		
2	-	5	-	5	-	5	-	5	-	5000 ml		

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