COMMODITY DESCRIPTION

H.S. No	Item No	Description	Unit	Quantity
		Orbital Shaker	**set**	**1**

A. Model : JSOS-500

B. Product Description : Orbital Shaker

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

D. Application :

JSOS-500 Orbital Shaker 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.

E. Photo

Universal Platform /w Rubber Mat

JSOS-500 Orbital Shaker

F. Feature

JSC-TACHO   Digital Shaking Controller

- ✓ 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

Construction

- ✓ Durable epoxy powder coated metallic casing
- ✓ Corrosion resistant Stainless Steel 304 Universal Spring Rack

Performance

- ✓ Speed control from 20 to 350 rpm
- ✓ Precise feedback control within ± 1 rpm
- ✓ Durable shaking mechanism with powerful AC motor supports orbital shaking motion maximum load up to 35 kgs

Convenience

- ✓ Height adjustable level feet for balancing, anti-vibration
- ✓ Various choice of shaking platforms

Safety

- ✓ MAX RPM Cut-Off motor and AUDIO VISUAL ALARM
- ✓ Motor failure ALARM
- ✓ OVER CURRENT CUT-OFF : Electric Leakage Breaker

G. Specifications

Platform Dims. (W x D)	495 x 495 mm
	700 x 650 mm (Oversized Platform)
Outer Dims. (W x D x H)	545 x 565 x 350
Max. Loading Capacity	35 kgs
Shaking Mode	Orbital
	Reciprocal with optional adaptor
Shaking speed range	20 ~ 350 rpm
Shaking Stroke	20 mm
Shaking speed accuracy	±1 rpm
Control	Digital feedback RPM controller with automatic STOP timer, max. 99min 59sec / 99hr 59min / continuous 4 digit dual digital LED displays RPM and TIME

Safety	MAX RPM Cut-Off motor and AUDIO VISUAL ALARM
	Motor failure ALARM
	OVER CURRENT CUT-OFF FUSE
Material	Body : Epoxy Powder Coated Steel, 1.0 mm thickness
Electrical Requirement	220 ± 10% VAC, 50/60Hz, 1-Phase
Power Rating	0.5 amps
Plug Configuration	CEE 7/7 Schuko or BS 1363
Net Weight	35 kg
Shipping Weight	40 kg
Shipping Dims. (W x D x H)	730 x 630 x 600 mm, Carton

H. Standard Accessories

Instruction Manual : 1 EA

Warranty Card : 1 EA

I. Options & Accessories

Art No.	Descriptions
PHF-P11	Adaptor Kit for Reciprocal Motion
PHF-U50	Universal Spring Rack W490 x D470 mm
	Flask loading capacity (approx. 20 x 100ml, 12 x 250ml, 9 x 500ml, 5 x 1000ml, 4 x 2000ml)
PHF-P60	Universal Flask Holder Platform W495 x D495 mm
	Flask loading capacity (approx. 25 x 100ml, 16 x 250ml, 16 x 500ml, 9 x 1000ml, 5 x 2000ml)
PHF-P61	Dedicated Flask Holder Platform W495 x D495 mm
	including 36 ea x 50 ~ 100 ml polycarbonate flasks holder
PHF-P62	Dedicated Flask Holder Platform W495 x D495 mm
	including 25 ea x 200 ~ 300 ml polycarbonate flasks holder
PHF-P63	Dedicated Flask Holder Platform W495 x D495 mm
	including 16 ea x 500 ~ 1000 ml polycarbonate flasks holder
PHF-M60	Non-Slip Rubber Mat W495 x D495 mm

PHF-U70	Oversized Universal Spring Rack	W690 x D650 mm

Flask loading capacity (approx. 42 x 100ml, 25 x 250ml, 19 x 500ml, 15 x 1000ml, 8 x 2000ml)

PHF-P70	Oversized Universal Flask Holder Platform	W700 x D650 mm

Flask loading capacity (approx. 41 x 100ml, 25 x 250ml, 25 x 500ml, 16 x 1000ml, 9 x 2000ml, 9 x 3000ml, 5 x 5000ml)

PHF-P71	Oversized Dedicated Flask Holder Platform	W700 x D650 mm

including   72 ea x 50 ~ 100 ml polycarbonate flasks holder

PHF-P72	Oversized Dedicated Flask Holder Platform	W700 x D650 mm

including   42 ea x 200 ~ 300 ml polycarbonate flasks holder

PHF-P73	Oversized Dedicated Flask Holder Platform	W700 x D650 mm

including   25 ea x 500 ~ 1000 ml polycarbonate flasks holder

PHF-M70	Oversized Non-Slip Rubber Mat	W700 x D650 mm

PHF-P01   Polycarbonate Flask Holder 50 ~ 100 ml Size Adjustable
PHF-P02   Polycarbonate Flask Holder 200 ~ 300 ml Size Adjustable
PHF-P03   Polycarbonate Flask Holder 500 ~ 1000 ml Size Adjustable

PHF-S01   Stainless Steel Flask Holder 100 ml
PHF-S02   Stainless Steel Flask Holder 250 ml
PHF-S03   Stainless Steel Flask Holder 500 ml
PHF-S04   Stainless Steel Flask Holder 1000 ml
PHF-S05   Stainless Steel Flask Holder 2000 ml
PHF-S06   Stainless Steel Flask Holder 3000 ml
PHF-S07   Stainless Steel Flask Holder 5000 ml

PHF-T01   Test Tube Holder 8 mm Dia. for 80 test tubes
PHF-T01   Test Tube Holder 10 mm Dia. for 80 test tubes
PHF-T01   Test Tube Holder 12 mm Dia. for 54 test tubes
PHF-T01   Test Tube Holder 14 mm Dia. for 54 test tubes
PHF-T01   Test Tube Holder 16 mm Dia. for 30 test tubes
PHF-T01   Test Tube Holder 25 mm Dia. for 15 test tubes
PHF-T01   Test Tube Holder 35 mm Dia. for 8 test tubes

J. Warranty

1 Year full coverage warranty