

COMMODITY DESCRIPTION

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

A. Model : JSOS-300

B. Product Description : Orbital Shaker

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

D. Application :

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.

E. Photo



JSOS-300 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

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 15 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)	275 x 345 mm
Outer Dims. (W x D x H)	350 x 520 x 165
Max. Loading Capacity	15 kgs
Shaking Mode	Orbital
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	30 kg
Shipping Weight	35 kg
Shipping Dims. (W x D x H)	570 x 550 x 365 mm, Carton

H. Standard Accessories

Instruction Manual : 1 EA

Warranty Card : 1 EA

I. Options & Accessories

Art No.	Descriptions
PHF-P30	Universal Flask Holder Platform W275 x D345 mm Flask loading capacity (approx. 8 x 100ml, 6 x 250ml, 5 x 500ml, 3 x 1000ml, 2 x 2000ml)
PHF-M30	Non-Slip Rubber Mat W275 x D345 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