

Model JSOS-350Q : Orbital Shaker



Model JSOS-350Q Orbital Shaker

JSOS-350Q Orbital Shaker designed for agitation of samples in a container (e.g. flasks, bottles, tubes) within ambient condition to aerating, mixing and extracting. Various application in chemistry, biomedical, pharmaceutical, cell culture, tissue culture, environmental and agriculture applications.

MAIN FEATURES

Controller

- Advanced MCU processor applies precise speed control technology
- 6 Preset Programs
- 10 Steps for each program
- Touch-sensitive Multi-Functional Capacitive Button compatible to all kind of latex gloves as well as finger touch.
- Easy-to-use Jog Dial for quick and convenient setting of speed and timer. Push to Run and Stop control.
- High-fidelity clear back light LCD displays complete setting and operating condition at a glance. Easy to monitoring set values, present speed and time.

Construction

- Silent BLDC motor
- Rugged and low profile ABS plastic body

Performance

- Speed range 10 to 300 rpm
- 20 mm orbital stroke
- Digital Timer set up to 99hr 59min by 1 min
- W350 x D350 mm standard shaking platform
- Powerful driving mechanism with “Slow Start Function”
- Silent BLDC motor provides long shelf life and maintenance free
- Maximum loading capacity up to 10 kgs

Convenience

- Interchangeable shaking platform
- Max. loading capacity of universal flask platform
16ea x 50/100ml, 9ea x 250/500ml, 5ea x 1L,
4ea x 2L, 2ea x 3L, 1ea x 5L
- Anti-Slip Silicone Mat

Safety

- Over load protection
- Over current protection

SPECIFICATIONS

Description MODEL JSOS-350Q

Performance Data

Type of Shaking	Orbital
Platform Dimensions (W x D)	350 x 350 mm
Speed Range	10 to 300 rpm, 1 rpm resolution
Orbital Stroke	20 mm
Max Load	10 kgs

Controller

Type	Digital Fuzzy Control with Capacitive Touch Button and Jog Dial
Timer	99hr 59min by 1 min resolution
Display	Full Size Digital Back Light LCD Display Independent ON/OFF Switch
Program Function	6 Preset Programs, 10 Steps for each program

Platform Dimensions

Universal Spring Rack	W350 x D350 mm
Universal Flask Holder Platform	W370 x D370 mm

Motor

Type	Brushless DC Motor
Power	45 Watt
Rotating Direction	Clockwise

Safety Data

Safety Device	Over Load Protection Over Current Protection
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Material Data

Body	ABS
Platform	Aluminum / Steel

Electrical Data

Rated voltage	230 ± 10% VAC
Power frequency	50/60 Hz
Nominal power	45 Watt
Phase	1 Phase
Plug configuration	CEE 7/7 Schuko or BS 1363

Usable Condition

Temp. & Humidity	5°C - 40°C, < 80% RH
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Packaging Data

Shipping Dims. (W x D x H)	600 x 590 x 210 mm
Type of packaging	Carton
Net Weight	14.0 kg
Shipping Weight	16.0 kg

ORDERING INFORMATION

Art. No.	Descriptions	Voltage
JSOS-350Q	Orbital Shaker	230 VAC 1 ph 50/60 Hz

ACCESSORIES

PHF-P35SET

PHF-P35 Universal Flask Holder Platform

PHF-M35 Silicone Mat

PHF-S35 Elastic String Band


PHF-U35

Universal Spring Rack


PHF-P35

Universal Flask Holder Platform

ACCESSORIES

Art. No.	Descriptions	Component
PHF-P35SET	PHF-P35 Universal Flask Holder Platform W370 x D370 mm PHF-M35 Silicone Mat W350 x D350 mm PHF-S35 Elastic String Band x 2 Set	
PHF-U35	Universal Spring Rack W350 x D350 mm	
PHF-P35	Universal Flask Holder Platform W370 x D370 mm Max. 16ea x 50/100ml or 9ea x 250/500ml or 5ea x 1L or 4ea x 2L or 2ea x 3L or 1ea x 5L Does not including Flask Holder	
PHF-M35	Silicone Mat W350 x D350 mm	
PHF-S35	Elastic String Band with Stopper x 2 Set	
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-T01	Test Tube Rack, 8 mm Dia. for 80 test tubes	
PHF-T02	Test Tube Rack, 10 mm Dia. for 80 test tubes	
PHF-T03	Test Tube Rack, 12 mm Dia. for 52 test tubes	
PHF-T04	Test Tube Rack, 14 mm Dia. for 52 test tubes	
PHF-T05	Test Tube Rack, 16 mm Dia. for 30 test tubes	
PHF-T06	Test Tube Rack, 25 mm Dia. for 15 test tubes	
PHF-T07	Test Tube Rack, 35 mm Dia. for 8 test tubes	

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