



ORBITAL SHAKER  
RECIPROCAL SHAKER

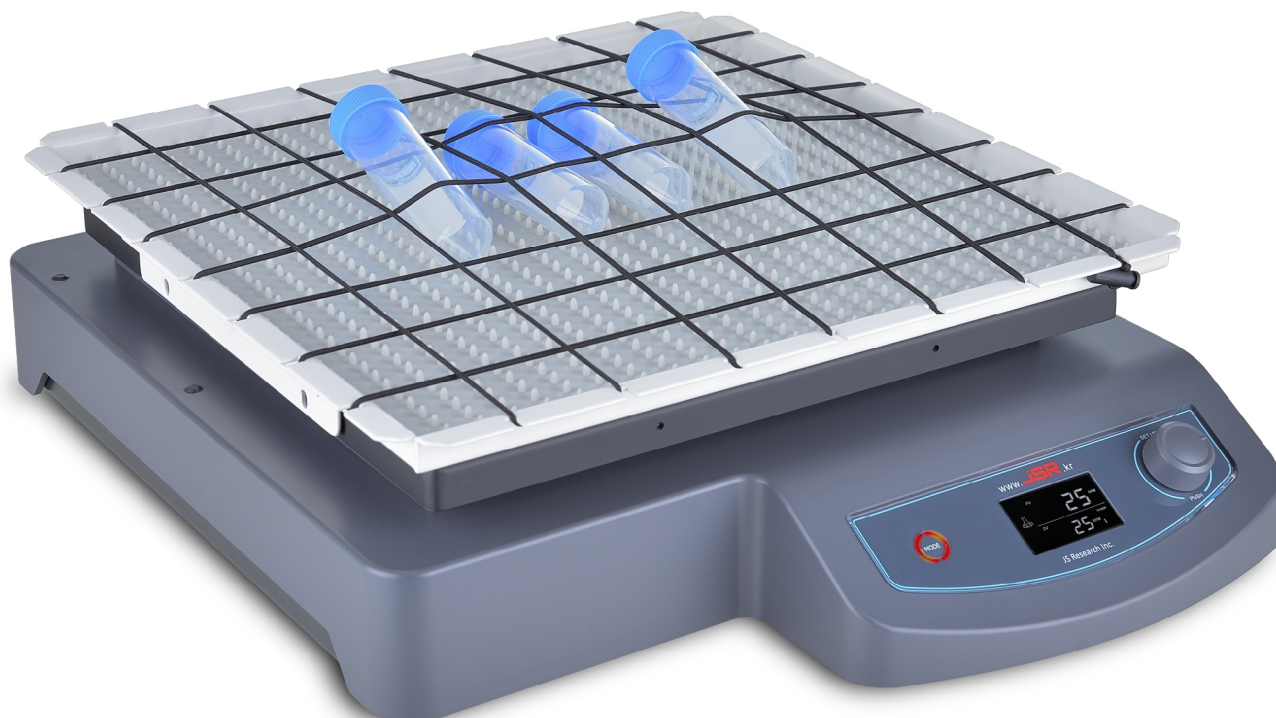
# JSOS-350Q / 350 R

## PROGRAMMABLE ORBITAL / RECIPROCAL SHAKER

MAX 300 rpm  
350 x 350 mm Platform

JSOS-350Q/350R Orbital/Reciprocal 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.



## # Features

### Controller

Advanced MCU processor applies precise speed control.  
6 Preset Programs 10 Steps for each program.  
Touch-Sensitive Multi-Functional Capacitive Button compatible to all kinds 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.

### Convenience

Interchangeable shaking platform  
Maximum flask loading capacity  
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  
Convenient anti-slip silicone mat

### 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

### Construction

Silent BLDC motor  
Rugged and low profile ABS plastic body

### Safety

Over load protection  
Over current protection

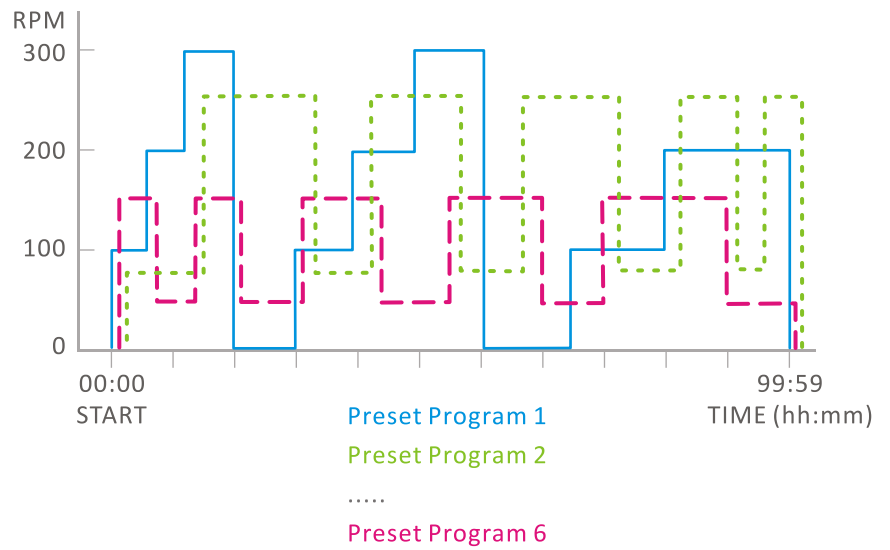
# JSOS-350Q ORBITAL SHAKER

# JSOS-350R RECIPROCAL SHAKER

MAX 300 rpm  
Platform Size  
350 x 350 mm

## # Program Function

6 Preset Program Patterns, 10 Steps programmable.



## # Accessories



**PHF-P35 Universal Flask Holder Platform**

W370 x D370 mm

[ not including Flask Holder ]

Max. 16 ea x 50/100ml

9 ea x 250/500ml

5 ea x 1L

4 ea x 2L

2 ea x 3L

1 ea x 5L



**PHF-P35SET Universal Platform SET**

PHF-P35 Universal Platform

PHF-M35 Silicone Mat

PHF-S35 Elastic String Band



**PHF-U35 Universal Spring Rack**

W350 x D350 mm

## # Specifications

## JSOS-350Q ORBITAL SHAKER

## JSOS-350R RECIPROCAL SHAKER

MAX 300 rpm  
Platform Size  
350 x 350 mm

Model	JSOS-350Q	JSOS-350R
<b>Performance Data</b>		
Motion Type	Orbital	Reciprocal
Platform Dimensions (W x D)	350 x 350 mm	
Speed Range	10 to 300 rpm, 1 rpm resolution	
Stroke Length	20 mm	
Max. Load	10 kgs	
<b>Controller</b>		
Type	Digital Fuzzy Control with Capacitive Touch Button and Jog Dial	
Timer	99 hr 59 min by 1 min resolution	
Display	Full Size Digital Back Light Graphic LCD Display	
Program Function	6 Preset Programs, 10 Steps for each Program	
<b>Motor</b>		
Type	Brushless DC Motor	
Power	45 Watt	
Rotating Direction	Clockwise	
<b>Safety Data</b>		
Safety Device	Overload Protection / Over Current Protection	
<b>Material Data</b>		
Body	ABS	
Platform	Aluminum / Steel	
<b>Electrical Data</b>		
Power Requirement	230 +/- 10% VAC   50/60 Hz	
Nominal Power	45 Watt	
Phase	1 Phase	
Plug Configuration	CEE 7/7 Schuko or BS 1363	
<b>Usable Condition</b>		
Temp. & Humidity	5 °C - 40 °C, 80% RH Max.	

# JSR

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## # Ordering Information

Art. Number	Descriptions
JSOS-350Q	Orbital Shaker, Programmable 230 VAC 1 ph 50/60Hz
JSOS-350R	Reciprocal Shaker, Programmable 230 VAC 1 ph 50/60Hz

### Accessories

PHF-P35SET	<b>Universal Platform Set</b> PHF-P35 Universal Flask Holder Platform [ <i>not including Flask Holder</i> ] PHF-M35 Silicone Mat PHF-S35 Elastic String Band
PHF-U35	Universal Spring Rack W350 x D350 mm
PHF-P35	Universal Flask Holder Platform W370 x D370 mm [ <i>not including Flask Holder</i> ] 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
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

DISTRIBUTOR

## JSOS-350Q

### ORBITAL SHAKER

MAX 300 rpm  
Platform Size  
350 x 350 mm

## JSOS-350R

### RECIPROCAL SHAKER

MAX 300 rpm  
Platform Size  
350 x 350 mm

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