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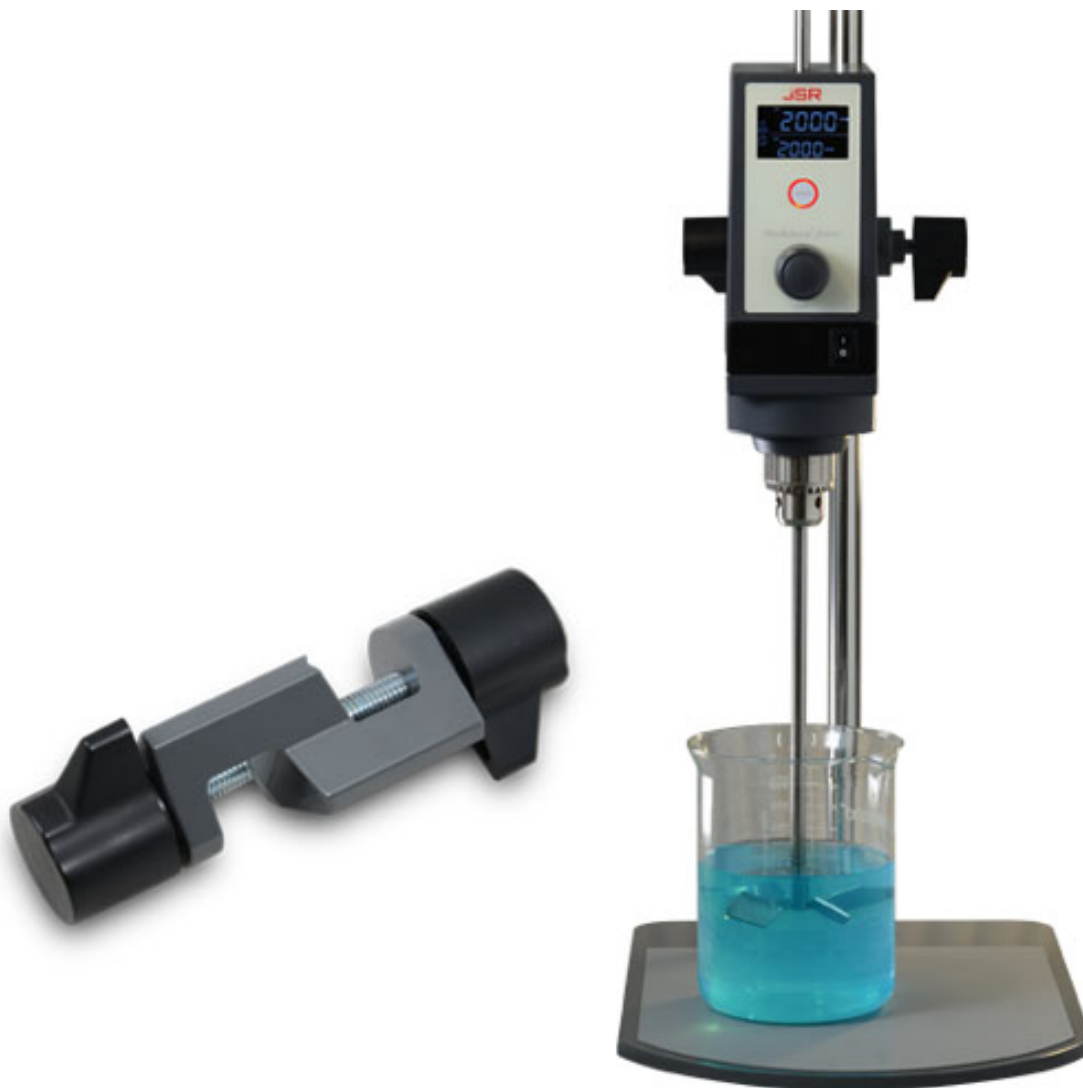
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# Технические характеристики на цифровые верхнеприводные мешалки JSMS-xxxD, аксессуары компании JSR



Standard Plate Stand, 25 x 37 cm  
with Rod and Silicone Pad, Boss Head Clamp

## Digital Overhead Stirrer

JSMS-xxxD Digital Overhead Stirrer designed to homogenization, emulsification and dispersion and mixing of fluids at high speed. This compact and rugged Overhead Stirrer is user-friendly designed with convenient Jog-Dial and High Fidelity LCD Display. Advanced Fuzzy Control System maintaining accurate and consistent RPM and equipped with heat protection safety cut-off system. Gearless torque conversion mechanism ensure less heat generation and anti-trembling shaft guarantee vibration and noise free operation.

### SELECTION GUIDE

Model No.

VISCOSITY

TORQUE

SPEED

<b>JSMS-070D</b>	<b>LOW</b>	~70,000 mPas	<b>LOW</b>	~200 Ncm	<b>HIGH</b>	100 ~ 2000 rpm
<b>JSMS-100D</b>	<b>MIDDLE</b>	~ 100,000 Mpas	<b>MIDDLE</b>	~ 300Ncm	<b>MIDDLE</b>	80~1200 rpm
<b>JSMS-150D</b>	<b>HIGH</b>	~150,000 mPas	<b>HIGH</b>	~ 450 Ncm	<b>LOW</b>	50~800 rpm

## Specifications

Art No.	<b>JSMS-070D</b>	<b>JSMS-100D</b>	<b>JSMS-150D</b>
<b>Stirring Capacity H<sub>2</sub>O</b>	25 liter	40 liter	60 liter
<b>Max. Viscosity</b>	70,000 mPas	100,000 mPas	150,000 mPas
<b>Max. Torque</b>	200 Ncm	300 Ncm	450 Ncm
<b>Speed Range</b>	100 ~ 2000 rpm	80 ~ 1200 rpm	50 ~ 800 rpm
<b>Speed Control Resolution</b>	5 rpm	1 rpm	1 rpm
<b>Gear Rate</b>	2.0 : 1	3.0 : 1	4.5 : 1
<b>Power Consumption</b>	150 Watt	170 Watt	200 Watt
<b>Motor Rating (input/output)</b>	110 / 85 Watt		
<b>Timer</b>	1 min to 99 hr 59 min		
<b>Control</b>	Digital Fuzzy Control with Capacitive Touch Button and Jog Dial Full Size Digital Back Light LCD Display Independent ON/OFF Switch		
<b>Max. Impeller Diameter</b>	Φ 10 mm		
<b>Motor</b>	Brushless Shade Motor		
<b>Safety</b>	Over Load Protection Over Heat Protection		
<b>Material</b>	Aluminum casting with epoxy powder coating, ABS Plastic		
<b>Power Rating</b>	650 watt, 3.0 amps		
<b>Electrical Requirement</b>	230 ± 10% VAC, 50/60Hz, 1-Phase		
<b>Power Plug</b>	CEE 7/7 Schuko European Standard		

## Features

### Controller

Advanced microprocessor Digital Fuzzy Controller with Touch button and Jog Dial.

Accurate stirring speed control and display

Rugged, solid and chemical-proof control panel surface

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 stirring speed. Push to Run, Stop and Save value.

High-fidelity clear back light LCD displays complete setting and operating condition at a glance. Easy to monitoring set rpm, present rpm and time.

### Construction

Compact and handy design to fit all purpose.

Main body made by aluminum casting with durable ABS Plastic.

### Performance

Stirring Capacity 25 to 60 liter H<sub>2</sub>O depends on model.

Viscosity 70,000 ~ 150,000 mPas depends on model.

Speed Range 800 to 2,000 rpm depends on model.

Timer setting range from 1 min to 99 hr 59 min

Anti-trembling shaft ensure high speed stirring, vibration and noise free operation.

Stainless Steel anti-rust thread chuck

### Safety

OVER LOAD and OVER HEAT PROTECTION

## Ordering Information

Art No.	Descriptions	Viscosity	Torque	RPM	Elec. Req.
<b>JSMS-070D</b>	Digital Overhead Stirrer	70,000 mPas	200 Ncm	100~2000 rpm	230 VAC 50/60 Hz
<b>JSMS-100D</b>	Digital Overhead Stirrer	100,000 mPas	300 Ncm	80~1200 rpm	230 VAC 50/60 Hz
<b>JSMS-150D</b>	Digital Overhead Stirrer	150,000 mPas	450 Ncm	50~800 rpm	230 VAC 50/60 Hz

Optional Accessories	Art No.	Descriptions
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**PHA-04S**

Standard Plate Stand  
25X37Cm Plate with Rod and Silicon Pad



**PHA-05C**

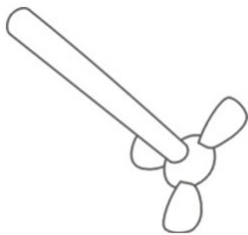
Bosshead Clamp, up to Ø23mm Rod

### 3 BLADE PROPELLER

**PHA-P30850** Impeller, Propeller, 3 x blade, Ø8, L500 mm Rod, Ø50 mm blade

**PHA-P30880** Impeller, Propeller, 3 x blade, Ø8, L500 mm Rod, Ø80 mm blade

**PHA-P30810** Impeller, Propeller, 3 x blade, Ø8, L500 mm Rod, Ø100 mm blade

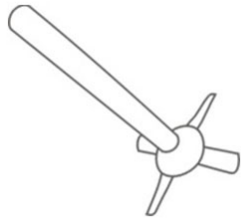


**PHA-P31050** Impeller, Propeller, 3 x blade, Ø10, L500 mm Rod, Ø50 mm blade

**PHA-P31080** Impeller, Propeller, 3 x blade, Ø10, L500 mm Rod, Ø80 mm blade

**PHA-P31010** Impeller, Propeller, 3 x blade, Ø10, L500 mm Rod, Ø100 mm blade

### 4 BLADE PROPELLER



**PHA-P40870** Impeller, Propeller, 4 x blade, Ø8, L500 mm Rod, Ø70 mm blade

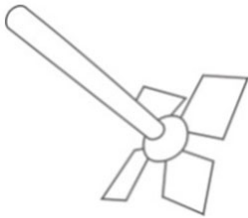
**PHA-P40890** Impeller, Propeller, 4 x blade, Ø8, L500 mm Rod, Ø90 mm blade

**PHA-P40810** Impeller, Propeller, 4 x blade, Ø8, L500 mm Rod, Ø100 mm blade

**PHA-P41090** Impeller, Propeller, 4 x blade, Ø10, L500 mm Rod, Ø90 mm blade

**PHA-P41010** Impeller, Propeller, 4 x blade, Ø10, L500 mm Rod, Ø100 mm blade

## DIAMOND

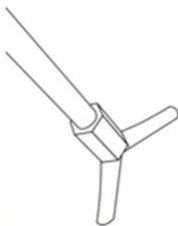


**PHA-D40890** Impeller, Diamond, 4 x blade, Ø8, L500 mm Rod, Ø90 mm blade

**PHA-D40810** Impeller, Diamond, 4 x blade, Ø8, L500 mm Rod, Ø100 mm blade

**PHA-D41010** Impeller, Diamond, 4 x blade, Ø10, L500 mm Rod, Ø100 mm blade

## CENTRIFUGAL



**PHA-C20810** Impeller, Centrifugal, 2 x blade, Ø8, L500 mm Rod, Ø100 mm blade

**PHA-C2890F** Impeller, Centrifugal, 2 x blade, Ø8, L500 mm Rod, Ø90 mm blade, Teflon-coated

**PHA-C2812F** Impeller, Centrifugal, 2 x blade, Ø8, L500 mm Rod, Ø120 mm blade, Teflon-coated

## ANCHOR



**PHA-A20870** Impeller, Anchor, 2 x blade, Ø8, L500 mm Rod, Ø70 mm blade

**PHA-A20890** Impeller, Anchor, 2 x blade, Ø8, L500 mm Rod, Ø90 mm blade

**PHA-A21090** Impeller, Anchor, 2 x blade, Ø10, L500 mm Rod, Ø90 mm blade

**PHA-A21014** Impeller, Anchor, 2 x blade, Ø10, L500 mm Rod, Ø140 mm blade

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