

OS20-S/OS40-S

LED Overhead Stirrer

Features

- High reliability and outstanding performance
- Wide range of speed from 50 to 2200rpm
- Brushless DC motor for long life, maintenance free and explosion proof
- LED screen for monitoring actual speed
- Safety circuits allow for safe stop function in anti-stall or overload conditions
- Large chuck diameter for many shaft types



Set of Overhead Stirrer tools

Cat.No. 18900743



Contains one vertical rod, six stirring blades, Such as Propeller stirrer, Paddle stirrer, Centrifugal stirrer, Flat-blade stirrer, Radial-flow stirrer, Anchor stirrer and Disassembling tool

Plate Stands

Universal Plate Stand

Cat. No.18900605



Dimension [W x D x H] :
20x31x78cm
Material: cast iron

Grand Plate Stand (for OS70)

Cat. No.18900497



Dimension [W x D x H] :
33.5x46.3x78cm
Material: cast iron

Universal H-shaped stand (for OS70 & T400)

Cat. No. 18205388



Dimension [W x D x H] :
26.5 to 49.6x50.5x78 cm
adjustable width:
(W: 265 to 496 mm)

Specifications	OS20-S	OS40-S
Max. stirring quantity[H ₂ O]	20L	40L
Speed range	50~2200rpm	50~2200rpm
Max. torque	40N·cm	60N·cm
Viscosity max.	10000mPa·s	50000mPa·s
Motor type	Brushless DC motor	Brushless DC motor
Speed display	LED	LED
Overload protection display	LED	LED
Chuck range diameter	2-10mm	2-10mm
Motor input power	60W	120W
Motor output power	50W	100W
Power	70W	130W
Voltage, Frequency	100~240V, 50/60 Hz	100~240V, 50/60 Hz
Dimension[WxHxD]	83 x 220 x 186mm	83 x 220 x 186mm
Protection class	IP21	IP21
Weight	2.8kg	2.8kg
Permissible ambient temperature and humidity	5~40°C, 80%RH	5~40°C, 80%RH

DLAB Overhead Stirrer provides a variety of stirring tools, such as impellers, paddles and blades:

Propeller stirrer Shaft length: 40cm Stirrer diameter: 5cm Shaft diameter: Ø8mm Material: 316L stainless steel Standard stirring applications at medium and high speed	Cat. No.18900071 	Paddle stirrer Shaft length: 40cm Stirrer diameter: 6.8cm Shaft diameter: Ø8mm Material: 316L stainless steel For gentle mixing at low and medium speeds	Cat. No.18900073 
Straight stirrer Shaft length: 40cm Stirrer diameter: 6cm Shaft diameter: Ø8mm Material: 316L stainless steel For low viscosity media at medium and high speeds	Cat. No.18900072 	Centrifugal stirrer Shaft length: 40cm Stirrer diameter: 9cm Shaft diameter: Ø8mm Material: 316L stainless steel Blades open while speeding. For narrow neck vessels at medium to high speed.	Cat. No.18900074 
Propeller stirrer Shaft length: 35cm Stirrer diameter: 6.5cm Shaft diameter: Ø8mm Material: PTFE coated Standard stirring applications at medium and high speed	Cat. No.18900075 	Paddle stirrer Shaft length: 35cm Stirrer diameter: 6.8cm Shaft diameter: Ø8mm Material: PTFE coated For gentle mixing at low and medium speeds	Cat. No.18900077 
Straight stirrer Shaft length: 35cm Stirrer diameter: 7cm Shaft diameter: Ø8mm Material: PTFE coated For low viscosity media at medium and high speeds	Cat. No.18900076 	Centrifugal stirrer Shaft length: 35cm Stirrer diameter: 8.5cm Shaft diameter: Ø8mm Material: PTFE coated Blades open while speeding. For narrow neck vessels at medium to high speed.	Cat. No.18900078 
Grand propeller stirrer Shaft length: 60cm Stirrer diameter: 10cm Shaft diameter: Ø8mm Material: 316L stainless steel Standard stirring	Cat. No. 18900478 	Grand paddle stirrer Shaft length: 60cm Stirrer diameter: 10cm Shaft diameter: Ø8mm Material: 316L stainless steel Gentle mixing for those stratify easily or sensitive to shear	Cat. No.18900499 
Grand anchor stirrer Shaft length: 60cm Stirrer diameter: 10cm Shaft diameter: Ø8mm Material: 316L stainless steel Standard stirring or for those easily precipitate	Cat. No. 18900498 	Grand dissolving stirrer Shaft length: 60cm Stirrer diameter: 10cm Shaft diameter: Ø8mm Material: 316L stainless steel Breaking down granules in the mixture with strong shear	Cat. No.18900500 
Flat-blade stirrer Shaft length: 40cm Stirrer diameter: 6cm Shaft diameter: Ø8mm Material: 316L stainless steel Suitable for medium speed stirring, low viscosity and medium viscosity materials	Cat. No. 18900625 	Anchor stirrer Shaft length: 40cm Stirrer diameter: 6cm Shaft diameter: Ø8mm Material: 316L stainless steel Suitable for low speed stirring, medium viscosity and high viscosity materials	Cat. No.18900627 
Radial-flow stirrer Shaft length: 40cm Stirrer diameter: 5cm Shaft diameter: Ø8mm Material: 316L stainless steel Suitable for medium speed or high speed agitation, low viscosity or medium viscosity materials, recommended for the treatment of gas in liquid	Cat. No. 18900626 	Spiral stirrer Shaft length: 40cm Stirrer diameter: 5cm Shaft diameter: Ø8mm Material: 316L stainless steel Suitable for medium speed or high speed agitation, medium viscosity and high viscosity materials, recommended for liquid homogenization or suspension treatment	Cat. No. 18900628 