



DLAB Overhead Stirrers can accomplish the most demanding tasks and provide high safety and increased performance. They are widely used in chemical synthesis, pharmaceutical synthesis, physical and chemical analysis, petrochemical industries, etc.

OS20-Pro OS40-Pro LCD Digital Overhead Stirrer

Features:

- High reliability and outstanding performance
- LCD display for precise monitoring of set and actual speeds, a wide range of speed from 50 to 2200rpm with control accuracy of ± 3 rpm
- Brushless DC motor for long life, maintenance free and explosion proof
- Torque trend display for real-time information on viscosity changes
- Safety circuits allow for safe stop function in anti-stall or overload conditions
- Smooth operation prevents accidental spillage and splashing
- Provides a constant speed even with changes in viscosities of the sample
- Remote function provide PC control and data transmission



LCD display



Torque display



Speed adjusting with viscosity changing



Wide range of accessory



Specifications

Max. stirring quantity[H ₂ O]	
Motor type	
Motor input power	
Motor output power	
Voltage	
Power	
Speed range	
Speed display accuracy	
Speed display	
Torque display	
Overload protection display	
Max. torque	
Viscosity max.	
Chuck range diameter	
Dimension [W x H x D]	
Weight	
Protection class	
Permissible ambient temperature and humidity	
Data connector	

OS20-Pro	OS40-Pro
20L	40L
brushless DC motor	brushless DC motor
60W	120W
50W	100W
100~220V, 50/60 Hz	100~220V, 50/60 Hz
70W	130W
50~2200rpm	50~2200rpm
± 3 rpm	± 3 rpm
LCD	LCD
LCD	LCD
LED lights	LED lights
40Ncm	60Ncm
10000mPas	50000mPas
0.5~10mm	0.5~10mm
83 x 220 x 186mm	83 x 220 x 186mm
2.8kg	2.8kg
IP21	IP21
5~40°C, 80%	5~40°C, 80%
RS232	RS232

OS20-S

OS40-S

LED Overhead Stirrer

Features:

- High reliability and outstanding performance
- A 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



Explosion-proof



Wide range of accessories



Specifications

Max. stirring quantity(H ₂ O)	
Motor type	
Motor input power	
Motor output power	
Voltage	
Power	
Speed range	
Speed display accuracy	
Speed display	
Overload protection display	
Max. torque	
Viscosity max.	
Chuck range diameter	
Dimension [W x H x D]	
Weight	
Protection class	
Permissible ambient temperature and humidity	

OS20-S
20L
brushless DC motor
60W
50W
100~220V, 50/60 Hz
70W
50~2200rpm
±3rpm
LED
LED lights
40Ncm
10000mPas
0.5~10mm
83 x 220 x 186mm
2.8kg
IP42
5~40°C, 80%

OS40-S
40L
brushless DC motor
120W
100W
100~220V, 50/60 Hz
130W
50~2200rpm
±3rpm
LED
LED lights
60Ncm
50000mPas
0.5~10mm
83 x 220 x 186mm
2.8kg
IP42
5~40°C, 80%

Overhead Stirrers | Accessories

Universal plate stand

Dimension [W x D x H] :

200 x 310 x 780mm

Material: stainless steel

Cat. No.

18900258



Paddle stirrer

shaft length 40cm

stirrer diameter 6.8cm

Material: 316L stainless steel

Application: Suitable for samples needed gentle processing at low and medium speeds

Cat. No.

18900073



Centrifugal stirrer

shaft length 40cm

stirrer diameter 9cm

Material: 316L stainless steel

Application: Two-bladed stirrer who's blades open with increasing speed. perfect for stirring in round vessels with narrow necks. Medium to high speeds required.

Cat. No.

18900074



Propeller stirrer

shaft length 400mm

stirrer diameter 50mm

Material: 316L stainless steel

Application: Standard stirring element used at medium and high speeds

Cat. No.

18900071



Straight stirrer

shaft length 35cm

stirrer diameter 7cm

Material: PTFE coated

Application: Ideal for the mixing of low viscosity media at medium and high speeds

Cat. No.

18900076



Paddle stirrer

shaft length 35cm

stirrer diameter 6.8cm

Material: PTFE coated

Application: Suitable for samples needed gentle processing at low and medium speeds

Cat. No.

18900077



Propeller stirrer

shaft length 35cm

stirrer diameter 6.5cm

Material: PTFE coated

Application: Standard stirring element, used at medium and high speeds

Cat. No.

18900075



Centrifugal stirrer

shaft length 35cm

stirrer diameter 8.5cm

Material: PTFE coated

Application: Two-bladed stirrer who's blades open with increasing speed. perfect for stirring in round vessels with narrow necks. Medium to high speeds required

Cat. No.

18900078

