

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 ±3rpm
- 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 constant speed even with changes in viscosities of the samples
- Remote function provide PC control and data transmission
- Availability of auto-restart function in case of power loss for overnight operations.

LCD display

Torque display

Speed adjusts with change in viscosity

Wide range of accessories





Specifications

	OS20-Pro	OS40-Pro
Max. stirring quantity[H_2O]	20L	40L
Motor type	brushless DC motor	brushless DC motor
Motor input power	60W	120W
Motor output power	50W	100W
Voltage	100-240V, 50/60 Hz	100-240V, 50/60 Hz
Power	70W	130W
Speed range	50-2200rpm	50-2200rpm
Speed display accuracy	±3rpm	±3rpm
Speed display	LCD	LCD
Torque display	LCD	LCD
Overload protection display	LED lights	LED lights
Max. torque	40Ncm	60Ncm
Viscosity max.	10000mPas	50000mPas
Chuck range diameter	0.5-10mm	0.5-10mm
Dimension[WxHxD]	83x220x186mm	83x 220x 186mm
Weight	2.8kg	2.8kg
Protection class	IP21	IP21
Permissible ambient temperature and humidity	5-40°C, 80%RH	5-40°C, 80%RH
Data connector	RS232	RS232

DOMINIQUE DUTSCHER SAS

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	OS20-S	OS40-S
Max. stirring quantity(H_2O)	20L	40L
Motor type	brushless DC motor	brushless DC motor
Motor input power	60W	120W
Motor output power	50W	100W
Voltage	100-240V, 50/60 Hz	100-240V, 50/60 Hz
Power	70W	130W
Speed range	50-2200rpm	50-2200rpm
Speed display accuracy	±3rpm	±3rpm
Speed display	LED	LED
Overload protection display	LED lights	LED lights
Max. torque	40Ncm	60Ncm
Viscosity max.	10000mPas	50000mPas
Chuck range diameter	0.5-10mm	0.5-10mm
Dimension[WxHxD]	83x220x186mm	83x.220x186mm
Weight	2.8kg	2.8kg
Protection class	IP21	IP21
Permissible ambient temperature and humidity	5-40°C, 80%RH	5-40°C 80%RH

DOMINIQUE DUTSCHER SAS

Universal plate stand

Dimension [W x D x H] : 200x310x780mm
Material: stainless steel

Cat. No.

18900258



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 40cm
stirrer diameter 6cm
Material: 316L stainless steel
Application: Ideal for the mixing of low viscosity media at medium and high speeds

Cat. No.

18900072



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 whose 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 35cm
stirrer diameter 6.5cm
Material: PTFE coated
Application: Standard stirring element, used at medium and high speeds

Cat. No.

18900075



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



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



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