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 chemicalanalysis,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 constant speed even with changes in viscosities of the sample
- 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 adjusting with viscosity changing

Wide range of accessory

| 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 | 100-220V, 50/60 Hz | 100-220V, 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 [W x H xD] | 83 x 220 x 186mm | 83 x 220 x 186mm |
| Weight | 2.8kg | 2.8kg |
| Protection class | IP21 | IP21 |
| Permissible ambient temperature and humidity | 5-40oC,80%RH | 5-40oC,80%RH |
| Data connector | RS232 | RS232 |

# Overhead Stirrers | Accessories

## Universal plate stand

Dimension [W x D x H] :
200 x 310 x 780mm
Material: stainless steel

**Cat. No.**

18900258

## Propeller stirrer

shaft length 400mm
stirrer diameter 50mm
**Material:** 316L stainless steel
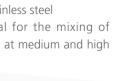**Application:** Standard stirring element used at medium and high speeds

**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 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 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

# WolfLabs

Pricing on any accessories shown can be found by keying the part number into the search box on our website.

The specifications listed in this brochure are subject to change by the manufacturer and therefore cannot be guaranteed to be correct.
If there are aspects of the specification that must be guaranteed, please provide these to our sales team so that details can be confirmed.

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Please contact us if this literature doesn't answer all your questions.