DRAWELL
Artist of Science

LCD Digital Overhead Stirrer

OS70-Pro OS40-Pro OS20-Pro

Overhead stirrer is suitable for mixture of high viscosity liquid or solid-liquid. Widely used in chemical synthesis, pharmaceutical, physical and chemical analysis, petrochemical, cosmetics, health care, food, biotechnology and other fields.

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.

Parameters

SPECIFICATIONS	OS20-PRO	OS40-PRO	OS70-PRO
Max. stirring quantity[H2O]	20L	40L	70L
Power	70W	130W	200W
Motor type	brushless DC motor	brushless DC motor	brushless DC motor
Motor input power	60W	120W	180W
Motor output power	50W	100W	160W
Speed range	50-2200rpm	50-2200rpm	50~1100rpm
Speed display accuracy	±3rpm	±3rpm	±10rpm
Speed display	LCD	LCD	LCD
Torque display	LCD	LCD	LCD
Voltage	100-220V, 50/60 Hz	100-220V, 50/60 Hz	100-220V, 50/60 Hz
Overload protection display	LED lights	LED lights	ED lights
Max. torque	40Ncm	60Ncm	300N•cm
Viscosity max	10000mPas	50000mPas	100000mPa•s
Chuck range diameter	0.5-10mm	0.5-10mm	0.5-10mm
Dimension[W×D×H]	83x220x186mm	83x220x186mm	83x220x186mm
Weight	2.8kg	2.8kg	3.2kg
Protection class	IP21	IP21	IP21
Permissible ambient temperature and humidity	5-40°C 80%RH	5-40°C 80%RH	5-40°C 80%RH
Data connector	RS232	RS232	RS232