

## OS20-Pro OS40-Pro OS70-Pro

### LCD Digital Overhead Stirrer

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.



Speed 50~2200rpm with control accuracy of  $\pm 3$ rpm



Brushless DC motor for long life, maintenance free



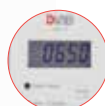
Provides a constant speed even with changes in viscosities of the sample



Safety circuits allow for safe stop function in anti-spill or overload conditions



Remote function provide PC control and data transmission



LCD display set and actual speed, Torque trend display for real-time information on viscosity changes



Self - locking drill chuck, tools free.



Stirring paddle "top-cross" design, easy to replace the container



Start/run smoothly, prevent sample splatter or overflow



Multi - purpose, multi - specification high quality stainless steel, PTFE stirring paddle optional



### Specifications

	OS20-Pro	OS40-Pro	OS70-Pro
Max. stirring quantity[H <sub>2</sub> O]	20L	40L	70L
Motor type	brushless DC motor	brushless DC motor	brushless DC motor
Motor input power	60W	120W	180W
Motor output power	50W	100W	160W
Voltage	100-240V, 50/60 Hz	100-240V, 50/60 Hz	100~240V, 50/60 Hz
Power	70W	130W	200W
Speed range	50-2200rpm	50-2200rpm	50~1100rpm
Speed display accuracy	$\pm 3$ rpm	$\pm 3$ rpm	$\pm 10$ rpm
Speed display	LCD	LCD	LCD
Torque display	LCD	LCD	LCD
Time settings range	-	-	0-99h59min
Overload protection display	LED lights	LED lights	LED lights
Max. torque	40Ncm	60Ncm	300Ncm
Viscosity max.	10000mPas	50000mPas	100000mPas
Chuck range diameter	0.5-10mm	0.5-10mm	0.5-10mm
Dimension[WxHxD]	83x220x186mm	83x 220x 186mm	186 x 83 x 220mm
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