

Overhead Stirrer

- Accurate stirring speed control: the microprocessor feedback control technology effectively guarantee the speed precision
- Anti-spill samples: Microprocessor control system start up smoothly, prevent samples overflow.
- Wide range of clamping diameters: practical, line with a variety of clamping diameter.

Features of digital models:

- LCD real-time display: Setting value and actual value can be displayed.
- Real-time monitoring torque and speed via LCD display.
- Overload protection: Motor would automatically stop in case of continuous overload.
- Setting safety circuit: Automatically cut off the circuit when motor overheating and other exceptional circumstances, make sure using security.
- Extended application: PC control via RS232 interface, can control and document all measuring values via PC. Parameter can be set to carry out safety monitoring.



Specification of Overhead Stirrer

Model	ST-OS40D	ST-OS20D	ST-OS40A	ST-OS20A
Max.Stirring quantity H2O (L)	40	20	40	20
Motor rating input (W)	120	60	120	60
Motor rating Output (W)	100	50	100	50
Speed range (rpm)	50-2200	50-2200	0-2200	0-2200
Speed display accuracy (rpm)	±3	±3	Scale	Scale
Speed Display	LCD	LCD	Scale	Scale
Speed Display resolution (rpm)	1	1	/	/
Max torque (Ncm)	60	40	60	40
Torque display	LCD	LCD	Scale	Scale
Overload protection	LED display, auto stop	LED display, auto stop	LED display	LED display
Motor protec	LED display, auto stop	LED display, auto stop	LED display	LED display
Viscosity max (mPas)	50000	10000	50000	10000
Chuck Range diameter (mm)	0.5-13	0.5-13	0.5-13	0.5-13
Rod Size, diam xl (mm)	14 x 220	14 x 220	14 x 220	14 x 220
Dimension W x H x D (mm)	83 x 220 x 186	83 x 220 x 186	83 x 220 x 186	83 x 220 x 186
Weight (kg)	2.4	2.4	2	2
Voltage (VAC)	100 - 240	100 - 240	100 - 240	100 - 240
Frequency (Hz)	50/60	50/60	50/60	50/60
Power (W)	130	70	130	70
Protection class acc to DIN/EN 60529	IP42	IP42	IP42	IP42
Temperature (°C)	5 - 40	5 - 40	5 - 40	5 - 40
Permission relative humidity (%)	80	80	80	80
Remote control (RS232 Interface)	Yes	Yes	N/A	N/A