

# Overhead Stirrer LOSR-A1 Series



## **Overhead Stirrer LOSR-A1 Series**

Overhead Stirrer is a microprocessor controlled and large capacity mechanical driven stirrer built with 20 to 40 L stirring capacity and 100 to 2500 rpm speed range. It is compact and slim-line, ideal for continuous, general purpose mixing. This robust and durable stirrer is perfect for smaller scale mixing. Equipped with maintenance free brushless DC motors which facilitates low noise operations.

### **Features:**

#### **LOSR-A10:**

- Analog display
- High performance and maintenance free brushless DC motors
- Delivers accurate, repeatable results for volumes up to 20 L
- An external unit comprises of plastic shell and motor housing is lightweight molded stainless steel, resistant to occasional and spill
- Competent to withstand hard-wearing
- Settings and speed display can be altered using scale
- Quiet operation

#### **LOSR-A11 and LOSR-A12:**

- Digital LCD display
- Delivers accurate, repeatable results for highly viscous liquids
- Can set required torque, speed and view values on LCD display
- Parameter settings can be altered and shown digitally
- Precise working mode with timer
- An external unit comprises of plastic shell and motor housing is lightweight molded stainless steel, resistant to occasional spill
- Possesses three type of positive rotation mode for mixing: inversion, reciprocal and mutual conversion

### **Applications:**

It is suitable for larger volumes and more viscous solutions with varied applications, such as homogenization, dispersing and dissolving of agglomerates applicable in pilot plants, ideal for routine bench-top uses in chemistry or biological laboratory sciences.

## Specifications

MODEL NO	LOSR-A10	LOSR-A11	LOSR-A12
Max. stirring capacity H <sub>2</sub> O	20 L	20 L	40 L
Speed range	100 to 2500 rpm		
Maximum torque	40 ncm		
Maximum viscosity	10000 cps		
Horsepower	60 w		
Display	Analog	LCD digital	LCD digital
Plate size	200 × 300 mm		
Plate load holding capacity	50 kg		
Motor type	Brushless DC motor		
Motor output power	0.06 kW	0.06 kW	0.08 kW
Minimum revolution	100 rpm		
RPM display mode	Scale	Digital	Digital
Setting mode	Scale	Digital	Scale
Time measurement	Manual	Timer	Timer
External material	Plastic shell		
Exterior dimension (W × L × H)	115 × 95 × 240 mm		
Packing dimension (W × L × H)	400 × 250 × 210 mm		
Operation mode	Continuous		
Power supply	100 to 240 V/ 50 to 60 Hz		
Net weight /Gross Weight	5/6 kg	6/7 kg	7/8 kg