

# Laboratory Stirrer

## LR500A/B

Max. Speed Range	34~340rpm	100~1,000rpm
	LR500A	LR500B

**Powerful DC brushless motor and direct drive system have been adopted to achieve high torque. Stirrer with digital tachometer and torque monitor for easy setting and checking.**

- DC brushless motor considered superior in safety as there are no brushes to cause sparks and no brush replacement required.
- Direct-drive system reduces noise and require low maintenance.
- Achieves high torque enabling stirring of high viscosity solution.
- Digital tachometer for easy speed setting and confirmation.
- Load on the stirring shaft can be monitored by LED 2-step display. An overload lamp turns on when exceeding the maximum load, stopping the motor automatically.
- Revolution feedback control function can maintain the setting rate despite change of load (especially suitable for high viscosity samples)

### Specifications

Product code	231089	231090
Model	LR500A	LR500B
Speed range*1	34~340rpm	100~1,000rpm
Max. torque	1.96N·m (20kgf·cm)	0.98N·m (10kgf·cm)
Display of speed / torque	Digital, 3-digit / Green LED, 2 steps + Overload display	
Motor (brushless DC)	70W	100W
Speed control	Speed feedback control	
Safety device	Stops when overloaded	
Stirring function / shaft dia.	Gearless direct drive type / $\phi$ 10mm	
Power source 50/60Hz	AC220V, 1.5A Single phase with step-down transformer	AC220V, 2A Single phase with step-down transformer
Accessories	Stirring shaft ( $\phi$ 10×500mm)+Stirring propeller(75mm,4-blade) 1set, Clamp 1pc.	

\*1 At no-load operation



LR500A  
\*Stand are optional

### Optional items

No.	Product name	Product code
①	Y type stand	231086
②	Stirring shaft	LR41AY0002
③	Adapter for depressurization stirrer, Joint: T24/40	231097
④	Adapter for depressurization stirrer, Joint: T29/42	231098
⑤	Auxiliary stirrer	231096
⑥	Mounting bracket for water tank	231032