

Overhead Stirrer

VS20, VS40, VS70



Description:

- ◆ Overhead stirrer features stepless speed control and a DC brushless motor, with digital display of operating speed. It is characterized by constant speed and automatic torque adjustment. Its automatic overload and abnormal condition protection to ensure efficient and safe experiments. It is suitable for mixing low to high viscosity liquids or solid-liquid mixtures, and is widely used in chemical synthesis, pharmaceuticals, physicochemical analysis, and other fields.

Features:

- ◆ Colorful LCD(320x240 Pixel) displays speed, time and status.
- ◆ Stirring paddle "through-shaft" design, easy to adjust impeller position and replace the container.
- ◆ Multiple protection: automatically shut down and alarm in the event of overload, short circuit, over-temperature, abnormal speed, etc.
- ◆ Brushless DC motor, low noise, small interference, free maintenance.
- ◆ Self - locking drill chuck, tools free.
- ◆ Set speed can be maintained when viscosity of liquid changes.
- ◆ Directly connect to computer via USB interface for remote control and speed recording.

Parameters:

Project	Parameters		
Product model	VS20	VS40	VS70
Speed range	30~2500rpm	30~2500rpm	30~1600rpm
Speed control accuracy	±1rpm	±1rpm	±1rpm
Timing range	0-99h59min	0-99h59min	0-99h59min
Max. torque	40N.cm	60N.cm	100N.cm
Max. stirring volume(H ₂ O)	20L	40L	70L
Max. viscosity	10000mPa.s	50000mPa.s	100000mPa.s
Chuck clamp diameter range	0.5~10mm	0.5~10mm	0.5~10mm
Communication interface	USB(1 port)	USB(1 port)	USB(1 port)
Overload protection	Yes	Yes	Yes
Power	120W	180W	180W
Voltage	DC24V	DC24V	DC24V
Dimension(mm)	200x827x481	200x827x481	200x827x481
Weight(kg)	8.3	8.4	8.6



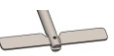
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Optional stirring tools

Model	Name	Dimension (mm)	Max. speed (rpm)	Remark	Picture
RC02107001	Propeller stirrer	400×50	2500	Standard stirring, applications at medium and high speed	
RC02107002	Straight stirrer	400×60	2500	For low viscosity media at medium and high speeds	
RC02107003	Paddle stirrer	400×68	1200	For gentle mixing at low and medium speeds	
RC02107004	Centrifugal stirrer	400×90	2500	Blades open while speeding. For narrow neck vessels at medium to high speed.	
RC02107005	Grand propeller stirrer	600×100	2500	Standard stirring	
RC02107006	Grand paddle stirrer	600×100	500	Gentle mixing for those stratify easily or sensitive to shear	
RC02107007	Grand anchor stirrer	600×100	500	Standard stirring for those easily precipitate	
RC02107008	Grand dissolving stirrer	600×100	2500	Breaking down granules in the mixture with strong shear	
RC02107009	Flat-blade stirrer	400×60	2500	Suitable for medium speed stirring, low viscosity and medium viscosity materials	
RC02107010	Anchor stirrer	400×60	1200	Suitable for low speed stirring, medium viscosity and high viscosity materials	
RC02107011	Spiral stirrer	350×50	2500	Suitable for medium speed or high speed agitation, medium viscosity and high viscosity materials, recommended for liquid homogenization or suspension treatment	
RC02107012	Radial-flow stirrer	400×50	2500	Suitable for medium speed or high speed agitation, low viscosity and medium viscosity materials, recommended for the treatment of gas in liquid	



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