



Lab Companion Digital Overhead Stirrers (MSP)

Product Description

- Compact and slim head design.
- Prevention of accidental spills or splashes thanks to microprocessor controlled smooth start and stop functions.
- Maintenance of constant motor speed by PID feedback control system even under conditions of changing viscosity.
- Powerful torque capable of handling high viscosity tasks.
- Bright digital display panel with touch sensitive buttons.
- Selectable display modes: rpm, power ratio (%), motor temp, and run time.
- Convenient emergency stop feature.
- Safety features against overload and overheating.
 - sequential auto-stop safety features:
 - visible warning
 - audible warning
 - auto-stop.
- High speed, vibration-free, and silent operation.
- Speed adjustment dial knob.
- Built-in USB port for external control and data collection. (Lab Companion software required)
- A wide range of accessories available.

Technical Specifications

Model	MSP-1	MSP-2	MSP-3	
Technical Data	Speed Control	PID feedback control		
Speed Range (rpm)	50 ~ 1,400	50 ~ 1,200	50 ~ 900	
Display	Digital			
Stirring Capacity, Max. (L, H ₂ O)	20	30	50	
Torque, Max. (N cm)	15	27	53	
Power Max. (W / A)	15 / 1.2	20.4 / 1.7	31.2 / 2.6	
General Data	Body Material	Aluminum + PP		
Dimension (mm / inch, W D H)	65 135 190 / 2.56 5.31 7.48	70 150 200 / 2.76 5.91 7.87	70 150 215 / 2.76 5.91 8.46	
Net Weight (Kg / lbs)	2 / 4.41	2.5 / 5.51	3 / 6.61	
Electrical Requirements	AC 100 ~ 240V, 50 / 60Hz			
Safety Device	Thermal protection, Current protection, Emergency stop, Automatic speed-down (MSP)			
Shaft Dia, Max (mm / Inch)	3 ~ 10 / 0.12 ~ 0.39			
Protection Class (DIN EN 60529)	IP10			
Cat. No.	KR plug	AAH371115K	AAH371215K	AAH371315K
US plug	AAH371115U	AAH371215U	AAH371315U	