

Strirrers & Vortex Mixer

Overhead Stirrer - Economic & Analog type

High dynamic stirring, simple operating, and sustainable economic benefits

- for tasks of up to 50 liters[H₂O]

Aluminum main body sturdy and efficiently absorbs the heat generated by the motor.



MSE types

MSM types

Constructional Features

- Compact and slim head design.
- Powerful torque easy use with high viscosity samples.
- Overload and thermal protection for safe operation.
- MSM model: sequenced-visible and audible alarms and stop systems.
- Speed adjustment dial knob.
- With high speed, vibration free, and silent, during operation.
- Various accessories available.

Additional MSMType Features

- Well illuminated digital display panel with sensitive touch buttons
- Convenient emergency stop.
- Recognizable display modes : rpm, ratio%

Specifications & Ordering Informations



Model		MSE-1	MSE-2	MSE-3	MSM-1	MSM-2	MSM-3
Technical Data	Speed control	Scale			Analog		
	Speed range (rpm)	Up to 1,400	Up to 1,200	Up to 900	50 ~ 1,400	50 ~ 1,200	50 ~ 900
	Display	None			Digital		
	Stirring capacity (L, H 20)	20	30	50	20	30	50
	Torque, max. (N·cm)	15	27	53	15	27	53
Power max. (W/A)	15 / 1.2	20.4 / 1.7	31.2 / 2.6	15 / 1.2	20.4 / 1.7	31.2 / 2.6	
General Data	Body material	Aluminum + PP					
	Dimensions (mm / inch, WxDxH)	65×135×190 / 2.56×5.31×748	70×150×200 / 2.76×5.91×787	70×150×215 / 2.76×5.91×846	65×135×190 / 2.56×5.31×748	70×150×200 / 2.76×5.91×787	70×150×215 / 2.76×5.91×846
	Net weight (Kg / lbs)	2 / 4.41	2.5 / 5.51	3 / 6.61	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 [MSM]					
	Shaft die, max (mm / Inch)	3 ~ 10 / 0.12 ~ 0.39					
Cat. No.	Protection class (DIN EN 60529)	IP10					
	KR plug	AAH372115K	AAH372215K	AAH372315K	AAH370115K	AAH370215K	AAH370315K
US plug	AAH372115	AAH372215U	AAH372315U	AAH370115U	AAH370215U	AAH370315U	

※ Permissible environment condition : Temperature +5 °C ~ 40 °C, Relative humidity up to 80%.

※ Protection class according to DIN EN 60529 : Waterproof, Dust production index based on the test level.

※ Above spec can be changed without prior notice.

Strirers & Vortex Mixer

Overhead Stirrer - Digital type

Designed for optimum usability, strongest efficiency in the same class, and advanced safety system for protecting the user and laboratory environment.

Constructional Features

- Compact and slim head design.
- Smooth start up and speed-down functions which prevent spills and splashing, controlled with a microprocessor
- PID feedback control system controls and maintains constant motor speed under conditions of changing viscosity.
- Powerful torque easy use with high viscosity samples.
- Aluminum main body sturdy and efficiently absorbs the heat generated by the motor.
- Well illuminated digital display panel with sensitive touch buttons.
- Selectable display modes: rpm, ratio%, motor temp, and run time.
- Convenient emergency stop.
- Recognizable overload and thermal protection for safe operation : sequenced-visible and audible alarms and stop systems.
- Speed adjustment dial knob.
- With high speed, vibration free, and silent, during operation.
- USB port comes standard.
(Lab Companion exclusive software for control and data collection)
- Various accessories available.



MSP types

Specifications & Ordering Informations



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, H2O)	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		
	Dimensions (mm / inch, WxDxH)	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 die, max (mm / Inch)	3 ~ 10 / 0.12 ~ 0.39		
	Protection class (DIN EN 60529)	IP10		
Cat. No.	KR plug	AAH371115K	AAH371215K	AAH37131K
	US plug	AAH371115U	AAH371215U	AAH37131U

※ Permissible environment condition : Temperature +5°C ~ 40°C, Relative humidity up to 80%.

※ Protection class according to DIN EN 60529 : Waterproof, Dust production index based on the test level.

※ Above spec can be changed without prior notice.