

Strirrers & Vortex Mixer

medline
scientific limited

Magnetic Stirrers - Scale & Digital & Multi-position Type

Lab
Companion



Constructional Features

- Ergonomic design, lightweight, simple to use and efficient low profile structure.
- 120mm (MS-12B), 170mm, and 220mm included top plate provided.
- The white & black silicone plate cover (only MS-B, G types) and the non-slip strength of the rubber feet prevent the sample from sliding.
- BLDC is less noisy and more durable than regular DC motors.
- Best-in-the-class with broad range of RPM speed is reliable.
- Built in thermal shutdown and current limit protection.



Additional MS-G Type Features

- Microprocessor PID controls.
- Convenient program and timer modes.
- Bright and vivid VFD display and responsive touch screen buttons
- Gradual start-up prevents users from splashing of samples.
- Included M12 rod holder for clamping in samples.



Multi-position Type Features

- User friendly and timer mode allows the user to select from one point in one row, or one point in one column, one row, one column, or multiple rows or columns, with different rpm and timer settings.
- Easy to read digital VFD control display and beautifully illuminate LED single position, multiple position, row position, & column position lighting.
- Non-slip see through silicon place mat (optional)
- Uncompromising safety devices.
- Supported various number of multi position stirring to meet user demands.
- #304 grade stainless steel and chemical resistant top-plate.

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Magnetic Stirrers - Scale & Digital & Multi-position Type

Specifications & Ordering Informations

Model		MS-12B	MS-17B	MS-22B	
Technical data	Speed control	Electronic speed control			
	Stirring Capacity (Liter, H2O)	2	4	5	
	Speed range (RPM)	150 ~ 2,500			
	Speed display	None			
	Motor rating input / output (W)	2.9 / 1.6			
	Magnetic bar (Ø×L, mm / Inch) , Max.	8×30 / 0.31×1.18	8×40 / 0.31×1.57	10×50 / 0.39×1.97	
Load, Max (kg / lbs)	15 / 33.07	20 / 44.09	25 / 55.12		
Top plate	Material	Poly propylene with non-slip silicon cover			
	Dimension (mm / inch, Ø)	120 / 4.72	170 / 6.69	220 / 8.66	
General data	Body material	Poly propylene			
	Dimension (mm / inch, W×D×H)	130×130×65 / 5.12×5.12×2.56	185×185×65 / 7.28×7.28×2.56	230×230×65 / 9.06×9.06×2.56	
	Weight (kg / lbs)	0.6 / 1.32	0.9 / 1.98	1.1 / 2.43	
	Electrical requirements	AC 100 ~ 240V, 50 / 60Hz (only MS-12B, 17B with power adapter)			
	Power consumption (W)	5		6	
	Protection class (DIN EN 60529)	IP42			
Cat. No.	Persian blue	KR plug	AAH330115BK	AAH330215BK	AAH330315BK
		US plug	AAH330115BU	AAH330215BU	AAH330315BU
	Yellow	KR plug	AAH330115YK	AAH330215YK	AAH330315YK
		US plug	AAH330115YU	AAH330215YU	AAH330315YU

Specifications & Ordering Informations

Model		MS-17G	MS-22G	
Technical data	Speed control	Feedback control with PID		
	Stirring Capacity (Liter, H2O)	4	5	
	Speed range (RPM)	30 ~ 2,000		
	Speed display	VFD		
	Motor rating input / output (W)	2.9 / 1.6		
	Magnetic bar (Ø×L, mm / Inch) , Max.	8×40 / 0.31×1.57	10×50 / 0.39×1.97	
Load, Max (kg / lbs)	20 / 44.09	25 / 55.12		
Top plate	Material	Poly propylene with non-slip silicon cover		
	Dimension (mm / inch, Ø)	170 / 6.69	220 / 8.66	
General data	Body material	Poly propylene		
	Dimension (mm / inch, W×D×H)	210×280×72 / 8.27×11.02×2.82	260×360×72 / 10.24×14.17×2.82	
	Weight (kg / lbs)	1.35 / 2.98	1.75 / 3.86	
	Electrical requirements	AC 100 ~ 240V, 50 / 60Hz		
	Power consumption (W)	6		
	Protection class (DIN EN 60529)	IP42		
Cat. No.	Persian blue	KR plug	AAH331215BK	AAH331515BK
		US plug	AAH331215BU	AAH331515BU
	Yellow	KR plug	AAH331215YK	AAH331515YK
		US plug	AAH331215YU	AAH331515YU

Specifications & Ordering Informations

Model		MS-23M	MS-32M	MS-33M	MS-51M	MS-52M	MS-53M
Technical data	Speed control	Feedback control with PID					
	Stirring Positions	6	6	6	5	10	15
	Speed range (RPM)	30 ~ 2,000					
	Stirring point distance (mm / inch, W×D)	118×170 / 4.64×6.69	115×90 / 4.52×3.54	117×90 / 4.6×3.54	90 / 3.54	117×90 / 4.6×3.54	
	Timer	1 min. to 99 hours 59 min.					
	Speed display	VFD					
Motor rating input / output (W)	2.9 / 1.6						
Load, Max (kg / lbs)	30 / 66.14						
General data	Dimension (mm / inch, W×D×H)	377×434×81 / 14.84×17.09×3.19	254×434×81 / 10×17.09×3.19	377×434×81 / 14.84×17.09×3.19	130×591×75 / 5.12×23.27×2.95	251×591×75 / 9.88×23.27×2.95	378×591×75 / 14.89×23.27×2.95
	Weight (kg / lbs)	6 / 13.23	5 / 11.02	7 / 15.43	4 / 8.82	8 / 17.64	11 / 24.25
	Electrical requirements	AC 100 ~ 240V, 50 / 60Hz					
	Power consumption (W)	45	45	54	45	85	135
Cat. No.	Protection class (DIN EN 60529)	IP 21					
	KR plug	AAH332115K	AAH332215K	AAH332315K	AAH332415K	AAH332515K	AAH332615K
	US plug	AAH332115U	AAH332215U	AAH332315U	AAH332415U	AAH332515U	AAH332615U

