

Hotplate Stirrers - Multi Position

Performance & Convenience

- Ideal for the multiple sample testing under the same condition.
- User-friendly operation and time setting modes allowing various ways of multi-position stirring to meet users' demands: single point, multiple point, whole row, whole column, etc.
- Fast and precise stirring operations are enabled by BLDC motor and special magnet with extremely strong magnetic coupling power.
- Smooth-start mechanism provides virtually no decoupling of stir bars even with viscous media.
- Instant halt of the stirring operation.
- Easy-to-read VFD and intuitive control panel.
- Bright and vivid LED stirring position indicating lamps and heating operation lamp for stable operations.
- High heat transfer aluminium top-plate.

Safety

- Unit is safely designed to protect internal components from accidental spills.
- Non-slip silicon plate mat is attached on the top plate to prevent unintended slips.
- Built in thermal shut off and current limit protection.



Model		MS-33MH	MS-53MH
Product code		AAHK34015K	AAHK34025K
Heating	Temperature range (°C)	Amb. to 120	
	Control	Scale	
	Heating power (W)	600	1000
Stirring	Speed range (rpm)	30 to 2,000	
	Stirring position	9	15
	Stirring point distance w x d (mm)	117 x 90	
	Timer	1 min. to 99 hr. 59 min.	
	Magnetic bar, Max. (ØxL, mm)	8x30	
Max load (Kg)		30	
Top plate	Dimensions w x d (mm)	385 x 328	385 x 493
Body	Dimensions w x d x h (mm)	395 x 450 x 104	395 x 614 x 104
Weight (Kg)		10	15

Magnetic Stirrers - Analogue

Performance & Convenience

- Ergonomic design, lightweight, easy to operate and low profile.
- Spark-less, silent and durable BLDC motor.
- Wide top plate.
- Two non-slip silicon plate covers (white & black).
- Non-slip rubber feet.
- Strong magnetic coupling to ensure constant stirring.

Safety

- Designed to protect internal components from accidental spills.
- Built-in thermal shut down and current limit protection.
- Protection class IP42 (DIN EN 60529).



Model	MS-12B	MS-17B	MS-22B
Product code	AAH330115BK	AAH330215BK	AAH330315BK
Speed control	Electronic speed control		
Stirring capacity (L, H ₂ O)	2	4	5
Speed range (rpm)	150 to 2,500		
Speed display	None		
Magnetic bar, Max. (ØxL) (mm)	8 x 30	8 x 40	10 x 50
Load, max (Kg)	15	20	25
Top plate (Ø, mm)	120	170	220
Body shape	Round		
Dimensions w x d x h (mm)	130 x 133 x 65	180 x 186 x 65	230 x 235 x 65
Weight (Kg)	0.6	0.9	1.1

Laboratory Equipment

Magnetic Stirrers - Digital

Performance & Convenience

- Ergonomic design, lightweight, easy to operate and low profile.
- Spark-less, silent and durable BLDC motor.
- Wide top plate.
- Two non-slip silicon plate covers (white & black).
- Non-slip rubber feet.
- Strong magnetic coupling to ensure constant stirring.
- Digital PID feedback control for reproducible stirring results.
- Convenient program control.
- Gradual start-up to protect users against splashing of samples.
- Bright and vivid VFD and responsive touch buttons.
- Easy-settable digital timer (1 min. to 99hr. 59min.)
- M10 threaded hole to hold a support rod.
- Standard colour - blue.

Safety

Designed to protect internal components from accidental spills. Built-in thermal shut down and current limit protection. Protection class IP42 (DIN EN 60529).



Model	MS-17G	MS-22G
Product code	AAH331215BK	AAH331315BK
Speed control	Feedback control with PID	
Stirring capacity (L)	4	5
Speed range (rpm)	30 to 2,000	
Speed display	VFD	
Magnetic bar, Max. (ØxL) (mm)	8 x 40	10 x 50
Max load (Kg)	20	25
Top plate (Ø, mm)	170	220
Dimensions W x D x H (mm)	210 x 280 x 72	260 x 355 x 72
Weight (Kg)	1.35	1.75

Magnetic Stirrers - Multi Position

Performance & Convenience

- Ergonomic design, lightweight, easy to operate and low profile.
- Spark-less, silent and durable BLDC motor.
- Wide top plate.
- Two non-slip silicon plate covers (white & black).
- Non-slip rubber feet.
- Strong magnetic coupling to ensure constant stirring.
- Digital PID feedback control for every single point, separately.
- User-friendly operation and time setting modes allowing various ways of multi-position stirring to meet users' demands: single point, multiple point, whole row, whole column, etc.
- Easy-to-read VFD and intuitive control panel.
- Bright and vivid LED position indicating lamps.
- Non-slip see-through silicon plate mat. (optional)
- Chemical-resistant #304 grade stainless steel top-plate.

Safety

- Designed to protect internal components from accidental spills.
- Built-in thermal shut down and current limit protection.
- Protection class IP21 (DIN EN 60529)



Model	MS-23M	MS-32M	MS-33M	MS-51M	MS-52M	MS-53M
Product code	AAH332115K	AAH332215K	AAH332315K	AAH332415K	AAH332515K	AAH332615K
Speed control	Feedback control with PID					
Stirring	Position	6	9	5	10	15
	Speed range (rpm)	30 to 2,000				
Stirring point distance (w x d) (mm)	117 x 170	117 x 90	90	117 x 90		
Timer	1 min. to 99 hr. 59 min.					
Speed display	VFD					
Max load (Kg)	30					
Dimensions W x D x H (mm)	377 x 434 x 81	254 x 434 x 81	377 x 434 x 81	130 x 591 x 75	251 x 591 x 75	378 x 591 x 75
Weight (Kg)	6	5	7	4	8	11