

## MS-33MH Hotplate Stirrers (Muti position)

Manufacturer:

SKU#: 8194-10-0867

Simultaneous stirring is available at max. 15 points with stable heating.



### Product Description

Operating Features Ideal for the multiple sample testing under the same condition. - Maximum 15 independently controlled stirring positions on one heated top plate. Fast and precise stirring operations are enabled by BLDC motor and special magnet with extremely strong magnetic coupling power. Various stirring control modes are available. - All Mode / Column Mode / Row Mode / Point Mode Timer set for each stirring mode is available for the unattended operation. Smooth-start mechanism provides virtually no decoupling of stir bars even with viscous media. Instant halt of the stirring operation. Built in thermal shutdown and current limit protection. Constructional Features Integrated design of the heater and the top plate provides exceptional heat transfer rate and quick heat up capability. 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 aluminum top-plate. 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

### MS-33MH Hotplate Stirrers (Muti position) Specification

Model	MS-33MH	MS-53MH
Technical Data	Heating	Temperature Range ( / )
Control	Scale	
Heating Power (W)	600	1000
Stirring Control	Speed Range (RPM)	30 to 2,000
Stirring Positions	Feedback control with PID	
Stirring Point Distance (WxD, mm / inch)	9	15
Timer	117x90 / 4.61x3.54	
Motor	1min. to 99 hours 59 min.	
Motor Rating Input / Output (W) per each point	BLDC motor	
Magnetic Bar, Max. ( xL, mm / Inch)	2.9/1.6	
Safety	8x30 / 0.31x1.18	Top plate
Over Current	Over Temp.	
Load, Max (kg / lbs)	Current limit protection	
General Data	30 / 66.14	Material
	Top plate	

Dimension ( , mm / Inch)	385x328 / 15.16x12.91	385x493 / 15.16x19.41
Body	Material	Powder coated steel
Dimension (WxDxH, mm / Inch)	395x450x104 / 15.55x17.72x4.09	395x614x104 / 15.55x24.17x4.09
Net Weight (kg / lbs)	10 / 22.05	15 / 33.06
Electrical Requirements (230V,50Hz/60Hz)	4.1 A	5.8 A
Cat. No.	AAHK34015K	AAHK34025K
Electrical Requirements (120V,60Hz)	8.0 A	11.2 A
Cat. No.	AAHK34013U	AAHK34023U

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