

## MS-33M Magnetic Stirrers (Multi Position)

Manufacturer:

SKU#: 8194-10-0834

- 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.
- Uncompromising safety devices.
- Best-in-the-class with broad speed range and suitable for high-speed rotation experimental environment.
- Ergonomic designed, lightweight, easy to operate, and low profile.
- Wide top plate.
- Non-slip strength rubber feet.
- Sparkless, silent and durable BLDC motor.
- Built-in thermal shutdown and current limit protection.



## Product Description

The Hettich MIKRO 220 & MIKRO 220R tabletop microliter centrifuges are ideal for research centrifugation tasks such as PCR, DNA & RNA. Have a dynamic lab running multiple applications? The MIKRO 220R micro-centrifuge also accepts standard tubes up to 50 mL. What is not to like about the versatile and reliable MIKRO 220 microliter centrifuge. For additional peace of mind, Hettich centrifuges come with a Five (5) Year Warranty. For quick and easy ordering be sure to view our MIKRO 220 centrifuge packages. Our centrifuge bundles ship complete with all the components to perform your applications effortlessly. Hettich Packages include a centrifuge, rotor, buckets, adapters and bio-containment lids (when applicable). As always, Hettich ships fast, within 48 hours.

## MS-33M Magnetic Stirrers (Multi Position) Specification

Model	MS-23M	MS-32M	MS-33M
Technical Data	Speed Control	Feedback control with PID	
Stirring	Positions	6	6
Speed Range (RPM)	30 to 2,000		
Stirring Point Distance (mm / inch, W D)	117 170 / 4.6 6.69	117 90 / 4.6 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	377 434 81 /	254 434 81 /

(mm / inch, W D H)

14.84 17.09 3.19

10 17.09 3.19

Weight (kg / lbs)	6 / 13.23	5 / 11.02	7 / 15.43
Electrical Requirements	AC 100 ~ 240V, 50 / 60Hz		
Power Consumption (W)	45	45	54
Protection Class (DIN EN 60529)	IP 21		
Cat. No.	KR plug	AAH332115K	AAH332215K
US plug	AAH332115U	AAH332215U	AAH332315U

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