

HI 190M • HI 190M-0 • HI 200M

## Our Most Popular Magnetic Mini-Stirrers

Speedsafe™

- **Compact size**

The compact size of these stirrers allow users to maximize bench space for efficiency and safety.

- **Safety**

Speedsafe™ limits the maximum speed to 1000 rpm even if a load is suddenly removed.

- **Built to last**

The ABS housing of HI 190M and HI 190 M-0 resists most harmful chemicals in the lab.

The HI 190M, HI 190M-0 and HI 200M are compact and lightweight, so that lack of laboratory bench space is no longer a concern.

These stirrers incorporate electronic controls that allow the user to regulate the speed with greater precision. Often, in the lab, a sample is removed from the stirrer before reducing the speed. This would cause the motor of conventional equipment to accelerate until it is destroyed. This does not pose a problem with HANNA mini-stirrers. In fact, the internal Speedsafe™ mechanism will ensure that the maximum speed is never exceeded.

HI 190M and HI 190M-0 come supplied with an ABS cover that will resist the harmful effects of chemicals that are accidentally spilled. The ABS-covered mini-stirrer is available in two versions: HI 190M operating at 110 or 220 VAC and HI 190M-0 operating at 110 or 220 VAC and HI 190M-0 at 12 VDC. This provides you with the flexibility to choose between field and lab models, as well as being able to use the HI 190M-0 for applications where a low input voltage is a must.

HI 200M has an AISI 316 stainless steel cover. This model is ideal for applications that create exothermic reactions.



AISI 316 Stainless Steel

ABS Plastic

SPECIFICATIONS	HI 190M	HI 190M-0	HI 200M
Maximum Stirring Capacity	1 liter (0.26 gallons)		
Speed Range	100 rpm 1000 rpm		
Power Supply	110/115 VAC or 220/240 VAC, 50/60Hz	12 VDC	110/115 VAC or 230/240 VAC, 50/60Hz
Installation Category	II		
Cover Material	ABS plastic	ABS plastic	AISI 316 stainless steel
Environment	0 to 50°C (32 to 122°F); RH max 95%		
Dimensions	120 x 120 x 45 mm (4.8 x 4.8 x 1.8")		
Weight	640 g (1.4 lbs.)	610 g (1.3 lbs.)	710 g (1.6 lbs.)

### ORDERING INFORMATION

HI 190M, HI 190M-0 and HI 200M mini-stirrers are supplied with micro stir bar and instructions.

HI 190M-1	ABS cover (115V)
HI 190M-2	ABS cover (230V)
HI 190M-0	ABS cover (12 VDC)
HI 200M-1	Stainless steel cover (115V)
HI 200M-2	Stainless steel cover (230V)
HI 200M-3	Stainless steel cover (AUS plug)

### ACCESSORIES

HI 731319	Magnetic stir bar (10)
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