

HI190M • HI190M-0 • HI200M

Our Most Popular Magnetic Mini-Stirrers

- **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 HI190M and HI190 M-0 resists most harmful chemicals in the lab

The HI190M, HI190M-0 and HI200M 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, as the Speedsafe™ mechanism ensures that the maximum speed is never exceeded.

HI190M and HI190M-0 come supplied with an ABS cover that will resist the harmful effects of chemicals that are accidentally spilled.

HI200M has an AISI 316 stainless steel cover. This model is ideal for applications that create exothermic reactions.



- Stainless steel cover

Speedsafe™

- ABS plastic cover

| Specifications | HI190M | HI190M-0 | HI200M |
|-----------------------------|--|--------------------------------------|--------------------------------------|
| Maximum Stirring Capacity | 1 liter (0.26 gallons) | 1 liter (0.26 gallons) | 1 liter (0.26 gallons) |
| Min. Speed Range | 100 rpm | 100 rpm | 100 rpm |
| Max. Speed Range | 1000 rpm | 1000 rpm | 1000 rpm |
| Power Supply | 110/115 VAC or 220/240 VAC, 50/60Hz | 12 VDC (sold separately) | 110/115 VAC or 230/240 VAC, 50/60Hz |
| Installation Category | II | II | II |
| Cover Material | ABS plastic | ABS plastic | AISI 316 stainless steel |
| Environment | 0 to 50°C (32 to 122°F); RH max 95% | 0 to 50°C (32 to 122°F); RH max 95% | 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") | 120 x 120 x 45 mm (4.8 x 4.8 x 1.8") | 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 | HI190M-1 (110/115 Vac), HI190M-2 (230/240 Vac), HI190M-0 (12 VDC), HI200M-1 (110/115 Vac) and HI200M-2 (230/240 Vac) mini-stirrers are supplied with micro stir bar and instructions. | | |
| Accessories | HI731319 Magnetic micro stir bar (10) | | |