

HI300N • HI310N

## Heavy-duty Magnetic Stirrers



- Stainless steel cover

HI300N and HI310N are heavy-duty stirrers. HI300N can stir up to 2.5 liters (0.66 gallons) of liquid and the HI310N can stir up to 5.0 liters (1.3 gallons). This makes them perfect for laboratory use as well as for use in production. Electronic controls are incorporated into these stirrers that allow the user to regulate the speed with greater precision. With Hanna's Speedsafe™, a limiter will assure that the maximum speed will never be exceeded.

HI310N also has an automatic feedback feature. The motor is electronically controlled to maintain the chosen speed as the load changes. If the viscosity or the level (fluid weight) increases or decreases, the circuitry will adjust the output power to keep the speed constant.

Specifications	HI300N	HI310N
Maximum Stirring Capacity	2.5 liters (0.66 gallons)	5 liters (1.3 gallons)
Min. Speed Range	100 rpm	
Max. Speed Range	800 to 1000 rpm	
Auto-Feedback	-	standard
Power Supply	110/115 VAC or 230/240 VAC, 50/60 Hz	
Installation Category	II	
Cover Material	AISI 316 stainless steel	
Environment	0 to 50°C (32 to 122°F); RH max 95%	
Dimensions	180 x 180 x 70 mm (7.1 x 7.1 x 2.8")	
Weight	1.4 kg (3.1 lbs.)	
<b>Ordering Information</b>	<b>HI300N-1</b> (115V), <b>HI300N-2</b> (230V), <b>HI310N-1</b> (115V), and <b>HI310N-2</b> (230V) are supplied with micro stir bar and instructions.	
<b>Accessories</b>	<b>HI731320</b> Magnetic stir bar (10)	

HI302N

## Auto-reverse Magnetic Stirrers



- Stainless steel cover

The HI302N model can stir up to 2.5 liters (0.66 gallons). It is often desirable to stir your samples in two directions. This will achieve maximum homogeneity and solubility. An advanced circuit allows HI302N to reverse the direction of the stirring at a user-selected interval. The interval can be adjusted from 30 seconds up to 3 minutes. In addition to precision speed control, a limiter will also assure that the maximum speed will never be exceeded.

Hanna stirrers incorporate a VCO device that stops the motor from accelerating as soon as a load is removed (Speedsafe™).

Specifications	HI302N
Maximum Stirring Capacity	2.5 liters (0.66 gallons)
Low Speed Range	100 rpm
High Speed Range	800 to 1000 rpm
Reverse Interval	from 30 seconds to 3 minutes
Power Supply	110/115 VAC or 220/240V, 50/60 Hz
Installation Category	II
Cover Material	AISI 316 stainless steel
Environment	0 to 50°C (32 to 122°F); RH max 95%
Dimensions	180 x 180 x 70 mm (7.1 x 7.1 x 2.8")
Weight	1.4 kg (3.1 lb.)
<b>Ordering Information</b>	<b>HI302N-1</b> (115V) and <b>HI302N-2</b> (230V) are supplied with magnetic stir bar and instructions.
<b>Accessories</b>	<b>HI731320</b> Magnetic stir bar (10)