HI 300N • HI 310N

Heavy-duty Magnetic Stirrers

Speedsafe™

HI 300N and HI 310N are heavy-duty stirrers. HI 300N can stir up to 2.5 liters (0.66 gallons) of liquid and the HI 310N can stir up to 5.0 liters (1.3 gallons). This makes them perfect for laboratory use as well as 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.

HI 310N 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		HI 300N	HI 310N
Maximum Stirring Capacity		2.5 liters (0.66 gallons)	5 liters (1.3 gallons)
Speed Range	Min.	100 rpm	
	Max.	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.)	

ORDERING INFORMATION

HI 300N-1 (115V), **HI 300N-2** (230V), **HI 310N-1** (115V), **HI 310N-2** (230V), and **HI 310N-3** (AUS plug) are supplied with micro stir bar and instructions.

ACCESSORIES

HI 731320 Magnetic stir bar (10)

HI 301N • HI 311N

2-speed Magnetic Stirrers

Speedsafe™

HI 301N and HI 311N are heavy-duty stirrers that offer dual range precision. HI 301N can stir up to 2.5 liters (0.66 gallons) of liquid and HI 311N can stir up to 5.0 liters (1.3 gallons).

Similar to the "ZOOM" function of a microscope, these stirrers allow access to two separate stirring ranges. In each range, the speed can be fine tuned for exacting accuracy. This assures maximum repeatability in experiments and processing for laboratory, as well as production use.

In addition to speed control, a limiter will assure that the maximum speed will never be exceeded (Speedsafe™). HANNA stirrers incorporate a VCO device that will stop the motor from accelerating as soon as the load is removed.

HI 311N 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.

SPECIFICATIONS		HI 301N	HI 311N
Maximum Stirring Capacity		2.5 liters (0.66 gallons)	5 liters (1.3 gallons)
Speed Range	Low	100 to 500 rpm	
	High	100 to 800/1000 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.)	

ORDERING INFORMATION

HI 301N-1 (115V), **HI 301N-2** (230V), **HI 311N-1** (115V), and **HI 311N-2** (230V) are supplied with magnetic stir bar and instructions

ACCESSORIES

HI 731320 Magnetic stir bar (10)