

Speedsafe™ Timer Controlled Magnetic Stirrers



HI 322N and HI 324N incorporate a timer control that will turn the motor off after the selected amount of time. The time is adjustable from 5 minutes to 2 hours. This feature allows the user to carry out other tasks without worrying about over or under stirring. These units are heavy-duty stirrers. HI 322N and HI 324N can stir up to 5.0 liters (1.3 gallons), making them ideal for laboratory and production use. Electronic controls are incorporated into these stirrers and allow the user to regulate the speed control, a limiter will assure that the maximum speed will never be exceeded. Often, in the lab, a sample is removed from the stirrer before reducing the speed. This would cause the motor in common stirrers to accelerate until it is destroyed. Hanna stirrers incorporate a VCO device that will stop the motor from accelerating as soon as the load is removed.

In addition, HI 322N and HI 324N have an automatic feedback feature with HI 324N also boasting an LCD tachometer. The motor is electronically controlled to maintain the chosen speed as the load changes. If the viscosity or the level increases or decreases, the circuitry will adjust the output power. The RPM display guarantees repeatability in QC tests and research by constantly displaying the RPMs.

Specifications

	HI 322N	HI 324N
Maximum Stirring Capacity	5 liters	5 liters
Speed Range	Low High	100 rpm 800 to 1000 rpm
Auto-Feedback		standard
Timer Range		from 5 minutes to 2 hours
Tachometer	—	standard
Reverse Interval		from 30 seconds to 3 minutes
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 / Weight		180 x 180 x 70 mm (7.1 x 7.1 x 2.8") / 1.4 kg (3.1 lb.)

Accessories

HI 731320 Micro stir bar (10 pcs)

Ordering Information

HI 322N-1 magnetic stirrer, stainless steel cover, 100/115 Vac, micro stir bar and instructions.

HI 322N-2 magnetic stirrer, stainless steel cover, 230/240 Vac, micro stir bar and instructions.

HI 324N-1 magnetic stirrer, stainless steel cover, 100/115 Vac, micro stir bar and instructions.

HI 324N-2 magnetic stirrer, stainless steel cover, 230/240 Vac, micro stir bar and instructions.