

Auto-Reverse Magnetic Stirrers with Tachometer

Speedsafe

When stirring a solution, to work with a constant speed (Revolutions Per Minute) is an important factor in ensuring that the best repeatability in tests and processes is achieved. Without a tachometer, there is no way of knowing the RPMs. **HI 304N** is a heavy-duty stirrer with a built-in tachometer. It is often desirable to stir in two directions in order to achieve maximum homogeneity. An advanced circuit allows **HI 304N** to reverse the direction of the stir 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 (*Speedsafe*). Often, a sample is removed from the stirrer before the user reduces the speed with ordinary stirrers. This can cause the motor 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.



Specifications

	HI 304N
Maximum Stirring Capacity	2.5 liters
Speed Range	Low High
	100 rpm 800 to 1000 rpm
Tachometer	4-digit LCD
Reverse Interval	from 30 seconds to 3 minutes
Power Supply	230/240V, 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 / Weight	180 x 180 x 70 mm (7.1 x 7.1 x 2.8") / 1.4 kg (3.1 lb.)

Accessories

HI 731320 Magnetic stir bar (10 pcs)

Ordering Information

HI 304N-1 magnetic stirrer, stainless steel cover, 100/115 Vac, micro stir bar and instructions.

HI 304N-2 magnetic stirrer, stainless steel cover, 100/115 Vac, micro stir bar and instructions.