MAGNETIC STIRRER

Our heavy-duty stirrers stir up to 5.0 liters. 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.

In addition to 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 normally cause the motor to accelerate until it is destroyed. Our stirrers incorporate a VCO device that will stop the motor from accelerating as soon as the load is removed.

In addition to these features, HI 310 N 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.

Model HI 300N *Model HI 310N*

Features

- Large capacity
  HI 300N stirs up to 2.5 liters, HI 310N will stir up to 5 liters.

- Automatic feedback
  HI 310N includes an exclusive device that will maintain a constant speed as the load varies (due to increased or decreased viscosity or volume).

- Chemical resistance
  The AISI 316 stainless steel cover offers excellent protection against most harmful chemicals in the lab.

- Speedsafe
  An internal, electronic speed control device will limit the maximum speed to 1000 rpm, even if the load is suddenly removed.

- Both models are supplied complete with a 50 mm long and 7 mm diameter teflon® coated magnetic stir bar and instruction manual.

Physical specifications

Cover
AISI 316 stainless steel

Dimensions
18 x 18 x 7 cm (LxWxH)

Net Weight
1.6 kg

Options

- HI 731320
  Standard stir bar (10 pcs.)

Performance data

Max. stirring capacity

HI 300N	2.5 l
HI 310N	5 l

Speed range
Min. 100 rpm
Max. 800 to 1000 rpm

Auto-feedback

HI 300N	not applicable
HI 310N	standard

Power supply
220/240 V, 50/60 Hz

Environment
0 to 50 °C, RH 95 %

Agent

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