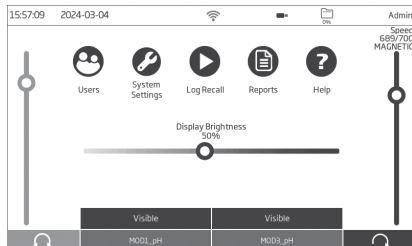
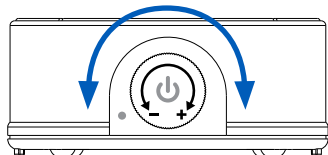


6. Start stirring.
Front LED light turns blue while stirring.
Drag the slider along the control bar to change the speed of the stirrer.



Note: Alternatively, use the speed knob to change the stirring speed.



Allow sufficient time for the mixing operation to attain uniform rotational flow.

When no further stirring is required, disconnect the stirrer.

Accessories

HI731319 Magnetic micro stir bar
25 x 7 mm (1 x 0.3") (10 pcs.)

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Certification

All Hanna® instruments conform to the CE European Directives and UK Standards.



RoHS
compliant



Disposal of Electrical & Electronic Equipment. The product should not be treated as household waste. Instead, hand it over to the appropriate collection point for the recycling of electrical and electronic equipment, which will conserve natural resources.

Ensuring proper product disposal prevents potential negative consequences for the environment and human health. For more information, contact your city, your local household waste disposal service, or the place of purchase.

Recommendations for Users

Before using this stirrer, make sure that it is entirely suitable for your specific application and for the environment in which it is used. For your and the stirrer's safety do not use or store the stirrer in hazardous environments.

Warranty

HI6000180 is warranted for a period of one year against defects in workmanship and materials when used for its intended purpose and maintained according to instructions. This warranty is limited to repair or replacement free of charge. Damage due to accidents, misuse, tampering, or lack of prescribed maintenance is not covered. If service is required, contact your local Hanna Instruments® office. If under warranty, report the model number, date of purchase, serial number and the nature of the problem. If the repair is not covered by the warranty, you will be notified of the charges incurred.

If the instrument is to be returned to Hanna Instruments office, first obtain a Returned Goods Authorization (RGA) number from the Technical Service department and then send it with shipping costs prepaid. When shipping any instrument, make sure it is properly packaged for complete protection.

INSTRUCTION MANUAL

HI6000180 Magnetic Mini-Stirrer



Dear Customer,

Thank you for choosing a Hanna Instruments® product. Please read this instruction manual carefully before using the stirrer. For more information about Hanna Instruments and our products, visit www.hannainst.com or e-mail us at sales@hannainst.com.

For technical support, contact your local Hanna Instruments office.

Preliminary Examination

HI6000180 is delivered in a cardboard box and is supplied with instruction manual and instrument quality certificate. Remove the stirrer from the packing material and examine it carefully.

Note: Save all packing material until you are sure that the stirrer works correctly. Any damaged or defective item must be returned in its original packing material with the supplied accessories.

General Description & Intended Use

The HI6000180 is a magnetic stirrer that teams up with HI6000 meter. Rotation and speed are set in the HI6000 System Settings.

The stirrer incorporates electronic controls that allow the user to regulate the speed through the speed knob at the front.

HI6000 Family Compatibility

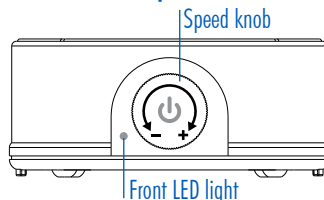
Preconfigured HI6000 meters can be ordered from our website at: www.hannainst.com

Ordering Code	Hardware Modules	Parameters
HI6222-01 (US)	HI6000-2 × 2	pH/ORP/ISE
HI6222-02 (EU)		
HI6522-01 (US)	HI6000-2 × 1	pH/ORP/ISE
HI6522-02 (EU)	HI6000-3 × 1	EC
HI6542-01 (US)	HI6000-2 × 1	pH/ORP/ISE
HI6542-02 (EU)	HI6000-4 × 1	Dissolved Oxygen
HI6542P-01 (US)	HI6000-2 × 1	pH/ORP/ISE
HI6542P-02 (EU)	HI6000-4 × 1	Dissolved Oxygen

Specifications

Stirring capacity	1 Liter (0.26 Gallons)
Speed range	100 to 1500 rpm
Power supply	Powered by the meter
Cover material	ABS plastic
Environment	0 to 50 °C (32 to 122 °F) RH max. 95%
Dimensions	Ø 137 mm (5.39") 61 mm (2.40") height
Weight	640 g (1.4 lbs.)

Functional Description



Speed knob

Adjust stirring speed manually.

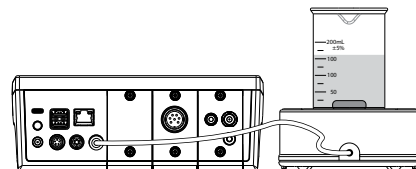
- Press to enter idle mode.
- Long press to change stirring direction.

LED notifications on stirrer status

BLUE	●	Device powered on/device on standby
GREEN	●	Device stirring
GREEN	✱	Change stirring speed and rotation
RED	✱	Error

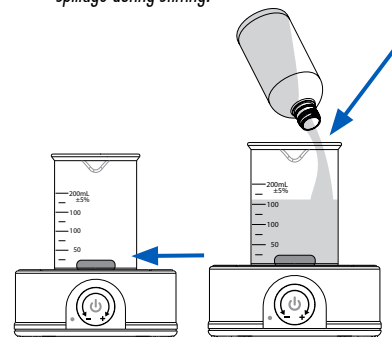
Operational Overview

1. Connect the cable for the stirrer to one of the connector's sockets (marked Left or Right) on the meter rear panel.
The stirrer is automatically detected.
2. Front LED light turns green, indicating the instrument is in standby mode.



3. Place a vessel in the middle of the stirrer plate and place the stir bar in the middle of the vessel.
4. Pour the liquids to be mixed into the vessel.

Note: Do not fill the vessel up to the brim, to prevent spillage during stirring.



5. Power on the meter.

On the meter, with the stirrer plugged in:

- Use the icon to turn the stirrer on and off.
- Tap icon to access System Settings.
- Tap the **Stirrers** tab.

Set desired rotation from following options:

Clockwise

Counter Clockwise

Alternating 15 sec.

Alternating 30 sec.

Alternating 45 sec.

When selecting Alternating option, rotation will change between clockwise and counter clockwise after the selected time period has elapsed.

Note: The stirring rotation can be selected for the left and right stirrer.