

# QUICK REFERENCE GUIDE



## HI839800 Hanna Instruments COD Reactor for Chemical Oxygen Demand and user-specific analysis

Dear Customer,

Thank you for choosing Hanna Instruments.

For more information about Hanna Instruments and our products, visit [www.hannainst.com](http://www.hannainst.com) or e-mail us at [sales@hannainst.com](mailto:sales@hannainst.com). For technical support, contact your local Hanna Instruments office or e-mail us at [tech@hannainst.com](mailto:tech@hannainst.com).

Please scan the QR code or use the link below to download the user manual.

<https://manuals.hannainst.com/HI839800>



### Available Models

- **HI839800-01**  
115 Vac, USA plug
- **HI839800-02**  
230 Vac, European plug

### Package Contents

- HI839800
- HI740217 Laboratory safety shield
- Power cable
- Quick reference guide with instrument quality certificate

**Note:** Save all packing material. Any damaged or defective item must be returned in its original packing material with the supplied accessories.

### Main Features

- Three stored temperature programs > 105 °C, 150 °C, 170 °C
- Three configurable temperature programs
- Up to 25 vials block capacity

### Key Applications

Methods that require digestion	Temp. (°C)	Timer (minutes)
Hanna Instruments COD methods	150 / 170	120 / 15
Other methods	150 / 105	30 / 60
Reducing sugars (wine analysis)	105	7
User-specific programs	30 to 170	up to 180

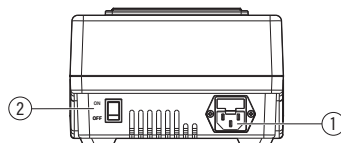
### COD Analysis Procedure, Equipment, Accessories

1. Sample and blank preparation > [HI93754X-25\\*](#)
2. Sample digestion > [HI839800](#)
3. Measurement > [HI801](#), [HI83399](#), [HI83314](#), [HI83224](#), [HI97106](#)

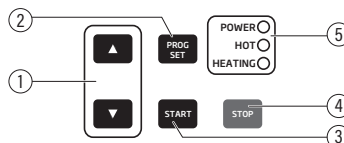
\*Visit [www.hannainst.com](http://www.hannainst.com) for reagent vial sets ordering codes

### Brief Operational Overview

- Plug in to power. AC power socket with fuse holder (1).
- Press the ON/OFF switch (2) to turn the instrument on.



### Keypad functions



1. Program navigation (stored and custom programs)  
Program configuration (time and temperature)
2. Long press to enter edit mode / short press to save value
3. START program / digestion
4. STOP digestion / exit edit mode
5. Reactor block status

### Program Selection and Configuration

1. Use keys to select stored program.
  - Option to continue with stored program.
2. Alternatively, long press to enter edit mode.
3. Use keys to configure blinking temperature value.
4. Press to confirm.
5. Use keys to configure blinking timer value.
6. Press to confirm.

### Safety Precautions

- Observe "Hot surface" warning!
- Use of supplied safety shield strongly recommended.
- Read the Safety Data Sheets ([sds.hannainst.com](http://sds.hannainst.com)) prior to handling reagents.



Hanna Instruments is committed to developing and deploying digital solutions with a positive impact on the environment and climate.

All Hanna® instruments conform to the CE European Directives and UK standards, and our production facilities are ISO 9001 certified. HI839800 is warranted for a period of two years against defects in workmanship and materials when used for its intended purpose and maintained according to instructions.



Please retain for future use.

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