QUICK REFERENCE GUIDE

HI2640 Dissolved Oxygen Benchtop Meter

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

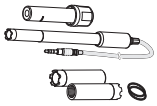
https://manuals.hannainst.com/HI2641

Package Contents

Each instrument is supplied with:



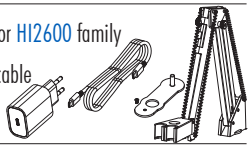
- HI764080 Dissolved Oxygen probe
- Protective cap
- Membrane cap and O-ring (2 pieces)



- HI7041S Refill electrolyte solution



- HI764026 Electrode holder for HI2600 family
- HI920018 USB-C to USB-C cable
- USB-C power adapter



- Instrument quality certificate
- Probe quality certificate
- Quick reference guide
- Battery safety insert

General Description

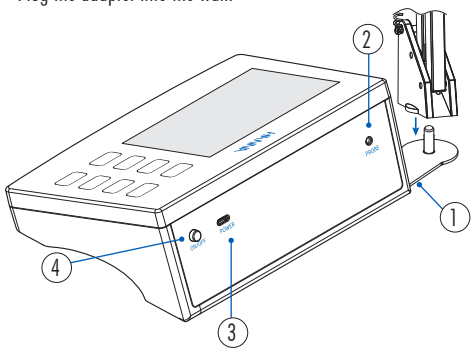
The HI2640 is a single parameter dissolved oxygen (ppm and % saturation) benchtop meter with a large display and streamlined design.

Key Features

- Automatic probe recognition
- Atmospheric pressure compensation
- Quick and easy to setup configuration
- Dedicated GLP key

Getting Started

- Place the meter face down and attach the electrode holder base plate (1).
- Follow the user manual for electrode preparation.
- Connect the HI764080 probe to the rear panel of the meter (2).
- Plug one end of the USB-C cable into the POWER port of the meter (3) and the other end of the cable into supplied power adapter.
- Plug the adapter into the wall.



- Press the ON/OFF power button (4).
  At start up, the meter briefly displays the initialization screen.

Note: *Remove the transparent film that protects the screen and capacitive keys prior to operating the meter.*

System Overview

Hardware Compatibility

Meter accepts HI764080 Hanna Instruments® digital dissolved oxygen polarographic probe.

User Interface

5.5" (14 cm) LCD display
Capacitive touch keypad

Ease of Use

Basic mode for simplified operation

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www.hannainst.com

Capacitive Keys

Key	Description
CAL	Enter and exit calibration
GLP CFM	Display GLP calibration information Confirm setup changes Accept calibration points
SETUP CLR	Enter/exit setup Clear previous calibration data/clear log records
MODIFY	Edit option
RANGE	Change parameter shown on display
▶	Navigate right
▲ ▼	Navigate menu items Long press to fast forward

Basic Operations

The main operating modes are setup, calibration, measurement.

- **Setup**
  - › Tap SETUP CLR key to access setup menu.
  - › Use the ▲ ▼ keys to navigate options.
  - › Tap MODIFY key to edit option and GLP CFM key to confirm.
  - › Tap SETUP CLR key to exit setup and save changes.
- **Calibrate**
  - › Use HI764026 holder for easy transfer in and out of standards.
  - › Tap CAL to enter calibration.
  - › Use ▲ ▼ to configure value.
    Follow on-screen, context sensitive messages.
  - › Tap GLP CFM to confirm calibration.

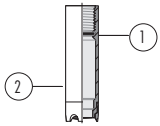


- **Measure**
  - › Use HI764026 holder for easy transfer in and out of samples.
  - › Use one beaker to rinse and another one for measurement.
  - › During measurement the membrane cap should be clean, without any coating.
  - › Ensure adequate water movement either manually or by use of a stirrer.
  - › Tap RANGE to change from % to ppm (mg/L) and vice versa.

Probe Usage Guidelines

- Unscrew the shipping cap and set aside.
- Take one O-ring and one membrane cap and position the O-ring (1) in the cap (2).





- Rinse the membrane cap with electrolyte and discard.
- Fill the cap, above the O-ring, with electrolyte and tap the side walls to dislodge bubbles that may adhere to the threads.
- Over a sink, with the catode facing down, screw the cap counter clockwise until the threads are fully engaged.
- Rinse the probe and inspect the membrane for trapped bubbles. If any, discard the electrolyte, refill, and tap the sides. Reinstall.

Meter Maintenance

- Disinfect the screen using commercially available, non-ammonia glass or disinfectant cleaner.
- Apply a small amount of cleaner directly to a microfiber or lint-free disposable cloth.
- Make sure the cloth is damp and not wet.
- Wipe the glass screen clean with the cloth.
  Do not apply cleaner directly to the capacitive keys.

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 our production facilities are ISO 9001 certified. HI2640 is warranted for a period of two years (probes for six months) against defects in workmanship and materials when used for its intended purpose and maintained according to instructions.

Please retain for future use. QR2640 12/25

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