QUICK REFERENCE GUIDE

HI2631 EC Benchtop Meter with Logging

Dear Customer, thank you for choosing Hanna Instruments.

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 or e-mail us at tech@hannainst.com.

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

https://manuals.hannainst.com/HI2631

Package Contents

Each HI2631 instrument is supplied with:



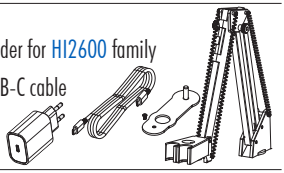
- HI763100 Conductivity probe



- 1413 µS/cm conductivity standard (4 sachets)
- 12880 µS/cm conductivity standard (2 sachets)
- 5000 µS/cm conductivity standard (2 sachets)
- Electrode rinse solution (2 sachets)



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



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

General Description

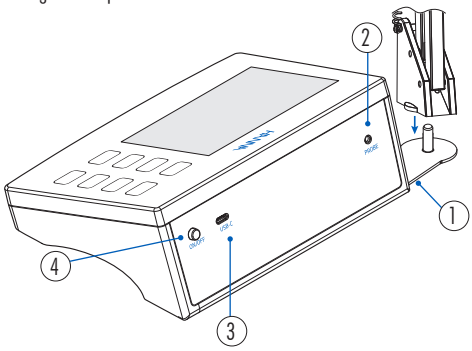
The HI2631 is a single-parameter EC benchtop meter with a large display and streamlined design.

Key Features

- Automatic probe recognition
- Seamless navigation between basic mode (simplified menu) and standard mode (advanced features and functions)
- Offset and cell factor calibration
- Dedicated GLP key
- Log files transfer to a USB-C flash drive as .csv

Getting Started

- Place the meter face down and attach the electrode holder base plate (1).
- Follow the user manual for probe preparation.
- Connect the HI763100 conductivity probe to the rear panel of the meter (2).
- Plug one end of the USB-C cable into the USB-C port of the meter (3) and the other end of the USB-C 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 HI763100 Hanna Instruments® digital conductivity probe.

User Interface

5.5" (14 cm) LCD display
Capacitive touch keypad

Measurement Flexibility

Basic mode with streamlined measurement configuration
Full featured standard operating mode with enhanced diagnostics

Hanna Instruments Inc., 584 Park East Drive, Woonsocket, RI 02895 USA
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
RCL MODIFY	View logged records (log recall) Edit option
RANGE ▶	Change parameter shown on display Navigate right
▲ ▼	Navigate menu items Long press to fast forward
LOG	Data log (manual log-on-demand or log-on-stability) Start/stop interval logging

Basic Operations

The main operating modes are setup, calibration, measurement, data logging, and data export.

Consult the manual to determine the best operating mode to suit application requirements.

- **Setup**
  - › Tap SETUP CLR key to access setup menu.
  - › Use the ▲ ▼ keys to navigate options.
  - › Tap RCL MODIFY key to modify and GLP CFM key to confirm.
  - › Tap SETUP CLR key to exit setup.
- **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.
  - › Tap RANGE ▶ to navigate to EC, TDS, salinity parameters.
- **Log**
  - › Tap SETUP CLR to access setup and configure log type.
  - › Tap RCL MODIFY key tp modify.
  - › Use RANGE ▶ to select from interval, manual on demand, or manual on stability.
  - › Use ▲ ▼ to select measurement stability criteria or the setting for the timed interval.
  - › Tap LOG from measurement mode. "PLEASE WAIT" is scrolled followed by indication of available log space.
  - › To stop logging, tap LOG again.
- **Data export**



  - › Connect the HI2631 (1) to the PC using supplied USB-C to USB-C cable.



  - › Power the meter.
  - › Tap SETUP CLR then select LOG ON METER.
  - › Tap RCL MODIFY then use ▲ ▼ to change to "EXPORT TO PC".
  - › Tap GLP CFM. The USB/PC tag is displayed.
  - › Tap SETUP CLR to exit.

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. HI2631 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.

QR2631 01/26

Hanna Instruments Inc., 584 Park East Drive, Woonsocket, RI 02895 USA
www.hannainst.com