

## HI97104 Multiparameter Photometer

### 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/HI97104>



### Package Contents

#### Ordering code: HI97104







- HI97104
- Sample cuvette with plastic stopper and cap (2 pcs.)
- 1.5V AA Alkaline battery (3 pcs.)
- Quick reference guide with instrument quality certificate

#### Ordering code: HI97104C

- HI97104
- Sample cuvette with plastic stopper and cap (2 pcs.)
- A ZERO CAL Check™ Cuvette A
- HI97701B CAL Check Cuvette B for Free and Total Chlorine (Powder & Liquid)
- HI97710B CAL Check Cuvette B for pH
- HI97722B CAL Check Cuvette B for Cyanuric Acid
- HI97775B CAL Check Cuvette B for Alkalinity
- Cloth for wiping cuvettes
- Scissors
- 1.5V AA Alkaline battery (3 pcs.)
- CAL Check standard certificate
- 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.

### Brief Operational Overview

- Rotate the back cover counterclockwise, insert supplied batteries, replace the cover, and turn clockwise to close.
- Press  to power the instrument ON (OFF).
- Press  to access Setup, logged data, and CAL Check.
- Press  to perform options displayed on the soft keys.
- Press  to access contextual Help mode.
- Press **Methods** and use   keys to scroll through methods. Press **Select** to confirm.
- Press **Measure** and follow the Tutorial.



### Main Features

- Supported parameters
  - pH (6.5 to 8.5 pH)
  - Alkalinity (0 to 500 mg/L)
  - Free Chlorine and Total Chlorine (0.00 to 5.00 mg/L)
  - Cyanuric Acid (0 to 80 mg/L)
- Reliable performance guaranteed by CAL Check validation
- Context-sensitive Help with support for Setup and measurement
- On-screen Tutorial that includes sample preparation, needed quantities, required reagents
- Automated data-logging feature
- Battery life > 800 measurements (backlight OFF)

### Safety Precautions

Read the Safety Data Sheets ([sds.hannainst.com](https://sds.hannainst.com)) prior to handling reagents.

### Reagent Sets & Standards

- |            |   |
|------------|---|
| HI775-26   | Alkalinity reagent (25 tests)                                 |
| HI93701-01 | Free Chlorine reagent (100 tests)                             |
| HI93701-03 | Free Chlorine reagent (300 tests)                             |
| HI93701-F  | Free Chlorine reagent (300 tests)                             |
| HI93701-T  | Total Chlorine reagent (300 tests)                            |
| HI93710-01 | pH reagent (100 tests)  |
| HI93710-03 | pH reagent (300 tests)  |
| HI93711-01 | Total Chlorine reagent (100 tests)                            |
| HI93711-03 | Total Chlorine reagent (300 tests)                            |
| HI93755-53 | Chlorine Removal Reagent                                      |
| HI93722-01 | Cyanuric Acid reagent (100 tests)                             |
| HI93722-03 | Cyanuric Acid reagent (300 tests)                             |
| HI97701-11 | CAL Check standards for Free and Total Chlorine - cuvette kit |
| HI97710-11 | CAL Check standards for pH - cuvette kit                      |
| HI97722-11 | CAL Check standards for Cyanuric Acid - cuvette kit           |
| HI97775-11 | CAL Check standards for Alkalinity - cuvette kit              |



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. HI97104 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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