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You can read the recommendations in the user guide, the technical guide or the installation guide for HANNA INSTRUMENTS HI 98128. You'll find the answers to all your questions on the HANNA INSTRUMENTS HI 98128 in the user manual (information, specifications, safety advice, size, accessories, etc.). Detailed instructions for use are in the User's Guide.

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Instruction Manual

HI 98127 • HI 98128 Waterproof pH Testers with Replaceable Electrode



www.hannainst.com

WARRANTY

HI 98127 and HI 98128 are warranted for one year against defects in workmanship and materials when used for their intended purpose and maintained according to instructions. The electrode is warranted for a period of six months. This warranty is limited to repair or replacement free of charge. Damages due to accident, misuse, tampering or lack of prescribed maintenance are not covered. If service is required, contact the dealer from whom you purchased the instrument. If under warranty, report the model number, date of purchase, serial number and the nature of the failure. 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, first obtain a Returned Goods Authorization Number from the Customer Service department and then send it with shipment costs prepaid. When shipping any instrument, make sure it is properly packaged for complete protection.

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Hanna Instruments reserves the right to modify the design, construction and appearance of its products without notice.

Dear Customer,

Thank you for choosing a Hanna product. This manual will provide you with the necessary information for correct operation. Please read it carefully before using the meter. If you need additional technical information, do not hesitate to e-mail us at tech@hannainst.com. These instruments are in compliance with the CE directives.

PRELIMINARY EXAMINATION

Remove the instrument from the packing material and examine it carefully. If any damage has occurred during shipment, immediately notify your Dealer or the nearest Hanna Customer Service Center.

- Each meter is supplied with:
 - HI 73127 pH electrode
 - HI 73128 electrode removal tool
 - batteries (4 x 1.5V) and instructions

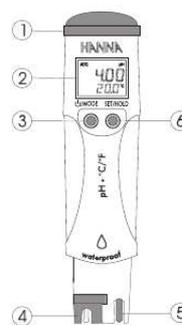
Note: Conserve all packing material until the instrument has been observed to function correctly. Any defective item must be returned in its original packing.

US DESIGN PATENT
D462,024

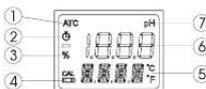
GENERAL DESCRIPTION

HI 98127 and HI 98128 are waterproof pH and temperature meters. The housing has been completely sealed against humidity and designed to float. All pH readings are automatically temperature compensated (ATC), and temperature values can be displayed in °C or °F units. The meters can be calibrated at one or two points with auto-buffer recognition and against five memorized buffer values. Measurements are highly accurate with a unique stability indicator right on the LCD. These meters are also provided with battery level indication at start-up, and with a low battery symbol which warns the user when the batteries need to be replaced. In addition the Battery Error Prevention System (BEP) avoids erroneous reading caused by low voltage level by turning the meter off. The HI 73127 pH electrode, supplied with the meter, is interchangeable and can be easily replaced. The stainless steel encapsulated temperature sensor facilitates faster and more accurate temperature measurement and compensation.

FUNCTIONAL DESCRIPTION



1. Battery compartment
2. Liquid Crystal Display (LCD)
3. ON/OFF/MODE button
4. HI 73127 pH electrode
5. Temperature sensor
6. SET/HOLD button



1. ATC (Automatic Temperature Compensation) indicator
2. Stability indicator
3. Battery life percentage indicator
4. Low battery indicator
5. Secondary display
6. Primary display
7. Measuring unit for primary display

CE DECLARATION OF CONFORMITY



Recommendations for Users
Before using this product, make sure that it is entirely suitable for the environment in which it is used. The glass bulb at the end of the electrode is sensitive to electrostatic discharges. Avoid touching the glass bulb at all times. Any variation introduced by the user to the supplied equipment may degrade the instrument's EMC performance. To avoid electrical shock, do not use this instrument when voltages at the measurement surface exceed 24 V ac or 60 V dc. To avoid damages or burns, do not perform any measurement in microwave ovens.

ACCESSORIES

- HI 73127 Replaceable pH electrode
- HI 73128 Electrode removal tool
- HI 70004P pH 4.01 solution, 20 mL sachet (25 pcs)
- HI 70006P pH 6.86 solution, 20 mL sachet (25 pcs)
- HI 70007P pH 7.01 solution, 20 mL sachet (25 pcs)
- HI 70009P pH 9.18 solution, 20 mL sachet (25 pcs)
- HI 70010P pH 10.01 solution, 20 mL sachet (25 pcs)
- HI 77400P pH 4 & 7 solutions, 20 mL sachet (5 each)
- HI 7004M pH 4.01 solution, 230 mL bottle
- HI 7006M pH 6.86 solution, 230 mL bottle
- HI 7007M pH 7.01 solution, 230 mL bottle
- HI 7009M pH 9.18 solution, 230 mL bottle
- HI 7010M pH 10.01 solution, 230 mL bottle
- HI 7061M Electrode cleaning solution, 230 mL bottle
- HI 70300M Electrode storage solution, 230 mL bottle

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OFF will appear on the secondary display. @@@@The batteries should be replaced soon. @@To change the batteries, remove the 4 screws located on the top of the meter.

pH ELECTRODE MAINTENANCE · When not in use, rinse the electrode with water to minimize contamination and store it with a few drops of HI 70300 storage solution in the protective cap. **DO NOT USE DISTILLED OR DEIONIZED WATER FOR STORAGE PURPOSES.** · If the electrode has been left dry, soak in storage solution for at least one hour to reactivate it. · To prolong the life of the pH electrode, it is recommended to clean it monthly by immersing it in the HI 7061 cleaning solution for half an hour. Afterwards, rinse it thoroughly with tap water and recalibrate the meter. Once the top has been removed, carefully replace the 4 batteries located in the compartment while paying attention to their polarity. Replace the top, making sure that the gasket is properly seated in place, and tighten the screws to ensure a watertight seal. .



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