



Your PDF Guides

You can read the recommendations in the user guide, the technical guide or the installation guide for HANNA INSTRUMENTS HI 755. You'll find the answers to all your questions on the HANNA INSTRUMENTS HI 755 in the user manual (information, specifications, safety advice, size, accessories, etc.). Detailed instructions for use are in the User's Guide.

User manual HANNA INSTRUMENTS HI 755
User guide HANNA INSTRUMENTS HI 755
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Instruction manual HANNA INSTRUMENTS HI 755

HI 755 Marine Alkalinity



Dear Customer,
Thank you for choosing a Hanna Instruments Product.
Please read this instruction manual carefully before using the instrument. If you need additional technical information, do not hesitate to e-mail us at tech@hannainst.com.

Preliminary examination:
Please receive this product carefully. Make sure that the instrument is not damaged. If any damage occurred during shipment, please notify your Dealer.
Each HI 755 meter is supplied complete with:
• Two Sample Cuvettes and Caps
• Six powder reagents for Alkalinity
• 1 x 1.5V AAA Battery
• Instruction Manual

For more details about spare parts and accessories see "Accessories".

Technical specifications:	
Range	0 to 300 ppm
Resolution	1 ppm
Accuracy	± 5% of reading ± 5 ppm @ 25°C
Typical EMC Dev.	± 1 ppm
Light Source	Light Emitting Diode @ 610 nm
Light Detector	Silicon Photocell
Method	Colorimetric method. The reaction causes a distinctive range of colors from yellow to green to greenish blue to develop.
Environment	0 to 50°C (32 to 122°F); max 95% RH non-condensing
Battery Type	1 x 1.5V AAA
Auto-Shut-off	After 10 minutes of non-use.
Dimensions	81.5 x 41 x 37.5 mm (3.2 x 1.6 x 1.5")
Weight	64 g (2.25 oz.)

Functional description:



1. Test cover.
2. Cuvette with cap.
3. Cuvette holder.
4. Liquid Crystal Display.
5. Battery.

Errors and warnings:

- LH:** Light High: There is too much light to perform a measurement. Please check the preparation of the zero cuvette.
- LLo:** Light Low: There is not enough light to perform a measurement. Please check the preparation of the zero cuvette.
- Inv:** Inverted cuvettes: The sample and the zero cuvette are inverted.
- Under range:** A blinking "0" indicates that the sample absorbs less light than the zero reference. Check the procedure and make sure you use the same cuvette for reference (zero) and measurement.
- Over Range:** A flashing value of the measured concentration indicates an over range condition. The concentration of the sample is beyond the programmed range; dilute the sample and re-run the test.
- Battery low:** The battery must be replaced soon.
- Dead battery:** This indicates that the battery is dead and must be replaced. Once this indication is displayed, normal operation of the instrument will be interrupted. Charge the battery and restart the meter.



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Manual abstract:

Please read this instruction manual carefully before using the instrument. If you need additional technical information, do not hesitate to e-mail us at tech@hannainst.com. Functional description: Preliminary examination: Please examine this product carefully. Make sure that the instrument is not damaged.

If any damage occurred during shipment, please notify your Dealer. @@Dust cover. 2. Cuvette with cap. 3.

Cuvette holder. 4. Liquid Crystal Display. 5. @@Please check the preparation of the zero cuvette.

Light Low: There is not enough light to perform a measurement. Please check the preparation of the zero cuvette. Inverted cuvettes: The sample and the zero cuvette are inverted. @@Check the procedure and make sure you use the same cuvette for reference (zero) and measurement. Over Range: A flashing value of the maximum concentration indicates an over range condition.

The concentration of the sample is beyond the programmed range: dilute the sample and re-run the test. Battery low: The battery must be replaced soon. For more details about spare parts and accessories see "Accessories". Technical specifications: Range Resolution Accuracy Typical EMC Dev. Light Source Light Detector Method 0 to 300 ppm 1 ppm $\pm 5\%$ of reading ± 5 ppm @ 25°C ± 1 ppm Light Emitting Diode @ 610 nm Silicon Photocell Colorimetric method. The reaction causes a distinctive range of colors from yellow to green to greenish blue to develop. 0 to 50°C (32 to 122°F); max 95% RH non-condensing 1 x 1.5V AAA After 10 minutes of non-use. 81.5 x 61 x 37.

5 mm (3.2 x 2.4 x 1.5") 64 g (2.25 oz.). Environment Battery Type Auto-Shut off Dimensions Weight w w w . h a n n a i n s t . c o m Dead battery: This indicates that the battery is dead and must be replaced. @@@@Fill the cuvette with 10 mL of unreacted sample and replace the cap. Place the cuvette into the meter and close the meter's cap. 10 mL · Press the button. @@@@One fresh battery lasts for a minimum of 5000 measurements, depending on the light level. When the battery capacity is under 10 % "bAt" appears on the LCD at start-up. If the battery is empty and accurate measurements can't be taken any more, the instrument shows "bAd" then "bAt" each for 1 second and turns off. To restart the instrument, the battery must be replaced with a new one. To replace the instrument's battery, follow the steps: · Turn the instrument off by holding the button until the meter shuts off. · Turn the instrument upside down and remove the battery cover with a screwdriver. · Remove the cuvette, open it and carefully add the content of one packet of HI 755-25 reagent. Replace the cap and shake vigorously for 30 seconds. Replace it into the meter. Note: Pay attention not to spill reagent otherwise full color development may be inhibited. · Press and hold the button until the timer is displayed on the LCD. @@Press the button. @@@@To find the Hanna Office in your area, visit our web site · www.hannainst.com IST755 09/10 · Remove the battery from its location and replace it with a new one. · Insert the battery cover and put back the screw with a screwdriver. .



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