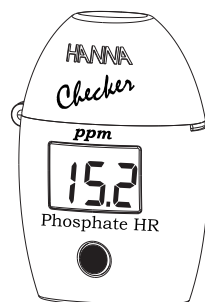


HI 717

Phosphate High Range



HANNA
instruments
www.hannainst.com

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 or view our worldwide contact list at www.hannainst.com.

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.

Each HI 717 meter is supplied complete with:

- Two Sample Cuvettes and Caps
- One bottle of Phosphate HR Reagent A
- Twenty packets of Phosphate HR Reagent B
- 1 x 1.5V AAA Battery
- Instruction Manual

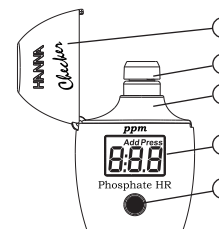


For more details about spare parts and accessories see "Accessories".

Technical specifications:

Range	0.0 to 30.0 ppm
Resolution	0.1 ppm
Accuracy	±1.0 ppm ±5% of reading @ 25 °C / 77 °F
Light Source	Light Emitting Diode @ 525 nm
Light Detector	Silicon Photocell
Method	Adaptation of the <i>Standard Methods for the Examination of Water and Wastewater, 18th edition</i> , Heteropoly-molybdenum Blue method. The reaction between orthophosphate (reactive phosphorus) and the reagent causes a blue tint in the sample.
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 61 x 37.5 mm (3.2 x 2.4 x 1.5")
Weight	64 g (2.25 oz.)

Functional description:



1. Cuvette cap.
2. Cuvette with cap.
3. Cuvette holder.
4. Liquid Crystal Display.
5. Button.

Errors and warnings:

L.H.

Light High: There is too much light to perform a measurement. Please check the preparation of the zero cuvette.

L.Lo

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.

0.0

Under Range: A blinking "0.0" 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.

300

Over Range: A flashing value of the maximum concentration indicates the reading is over range. Dilute the sample and re-run the test.

bAt

Battery Low: The battery must be replaced soon.

bAd

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. Change the battery and restart the meter.

bAt