

ACCURATE

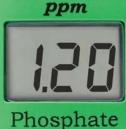
PHOSPHATE

MEASUREMENT

Adaptation of Standard Method 4500-P E \$39.50 USD

Introductory Price

HANNA Checker



Phosphau

SHOWN ACTUAL SIZE



With Great Products, Come Great Results™

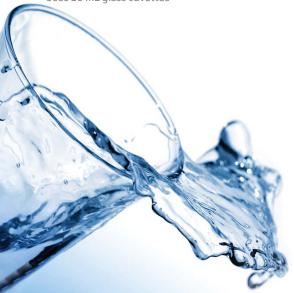


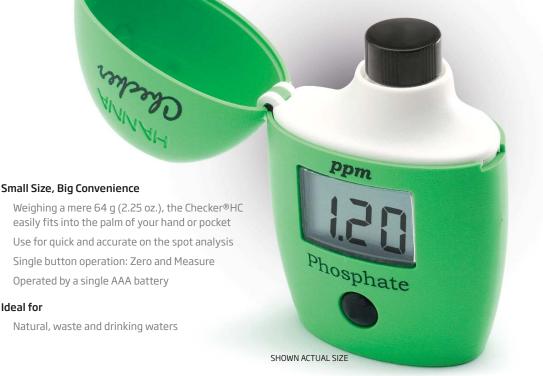
Easier to use and more accurate than chemical test kits

Adaptation of Standard Method 4500-P E
Accuracy ±4% of reading ±0.04 ppm (mg/L)
0.01 ppm (mg/L) resolution (250 points)
Large, easy to read digits
Auto shut-off

Dedicated to a single parameter

Designed to work with **HANNA**'s powder reagents Uses 10 mL glass cuvettes





ACCURATE AND AFFORDABLE PHOSPHATE MEASUREMENT

Orthophosphates are found in natural and waste waters. They are commonly added to drinking water as a corrosion inhibitor. The instantaneous analysis of orthophosphate by colorimetric determination provides rapid results using a standard analysis technique.

The HANNA HI 713 Checker®HC bridges the gap between simple chemical test kits and professional instrumentation. Chemical test kits are not very accurate and only give 5 to 10 points resolution while professional instrumentation can cost hundreds of dollars and can be time consuming to calibrate and maintain. The HANNA HI 713 Checker®HC is accurate and affordable.

The HI 713 Checker®HC portable handheld colorimeter features a resolution of 0.01 ppm (250 points) and $\pm 4\%$ of reading ± 0.04 accuracy. The HI 713 Checker® HC uses an adaptation of Standard Method 4500-P E.

The contoured style of this Checker®HC fits in your palm and pocket perfectly and the large LCD is easy to read. The auto shut-off feature assures the battery life will not be drained if you forget to turn it off.

The HI 713 Checker®HC is extremely simple to use. First, zero the instrument with your water sample. Next, add the reagent. Last, Place the vial into the HI 713 Checker®HC, press the button and read the results. It's that easy.

WE DESIGN, MANUFACTURE, SUPPLY AND SUPPORT ALL OF OUR PRODUCTS.

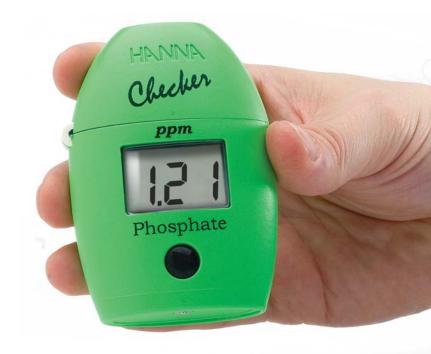
THAT'S 360° VALUE

Over the past 30 years, **HNNN** has never failed to design fresh and innovative products. The new Checker®HC's are no exception. We are excited to introduce such high accuracy and ease of use in a small, modern design that fits in the palm of your hand.

With an introductory price of \$39.50, our Checker®HC's are a great value.

HANNA is the largest family-owned manufacturer of analytical instrumentation in the world. The new series of Checker®HC's are manufactured in our European state-of-the-art ISO 9001:2000 production facility. Each Checker®HC is CE compliant to EN 61326-1 and EN 61010-1 standards.

When you buy a **HANNA** product, you're not only buying the best value for your money, but you're also adding the benefit of **HANNA**'s unsurpassed customer service and post-sale technical support.



IT'S EASY TO MEASURE SAMPLES WITH THE CHECKER®HC



"Zero" the Checker®HC with your unreacted water sample



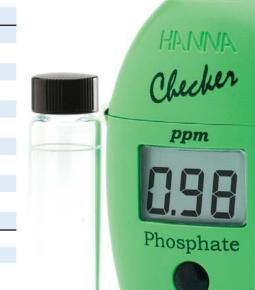
Add reagent to your water sample



Place the vial into your Checker®HC



Press the button and read the results. it's that easy!





SPECIFICATIONS	HI 713 (Phosphate)
Range	0.00 to 2.50 ppm (mg/L)
Resolution	0.01 ppm (mg/L)
Accuracy	$\pm 4\%$ of reading ± 0.04 ppm (mg/L) @ 25°C
Light Source	LED @ 525 nm
Light Detector	Silicon photocell
Environment	0 to 50°C (32 to 122°F); RH max 95% non-condensing
Battery Type	(1) 1.5V AAA
Auto-off	After 2 minutes of non-use and after read
Dimensions	81.5 x 61 x 37.5 mm (3.2 x 2.4 x 1.5")
Weight	64 g (2.25 oz.)
Method	Adaptation of Standard Method 4500-P E.

ORDERING INFORMATION

HI 713 Checker®HC is supplied with (2) sample cuvettes with caps, (6) powder reagents for phosphate, (1) 1.5V AAA battery and instructions.

Total Chlorine (HI 711), Free Chlorine (HI 701), Iodine (HI 718) and Iron (HI 721) Checker®HC's also available

REAGENTS AND STANDARDS

HI 713-25 Reagents for 25 tests (phosphate)

ACCESSORIES

HI 731318 (4) Cuvette cleaning cloth

HI 731331 (4) Glass cuvettes

HI 731353 (4) Caps for cuvettes

HI 93703-50 Cuvette cleaning solution, 230 mL

