

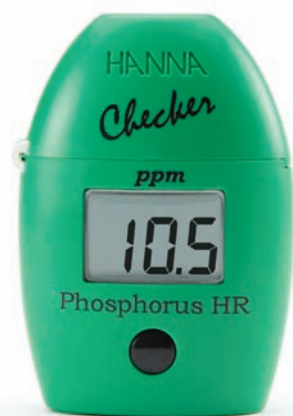
# Phosphorus High Range Handheld Colorimeter

Plants, algae and phytoplankton require phosphorus for nourishment and utilize phosphorus as a component of cell tissue. When organic matter such as plant tissue, dead fish, algae or uneaten food breaks down aerobically (with oxygen), phosphate is produced and results in rapid oxygen depletion of aquarium water, which in turn suffocates aquatic life and compounds the problem.

Phosphorus concentration in water is monitored because it causes corrosion when present in levels too high.

The HANNA HI 706 Checker®HC bridges the gap between simple chemical test kits and professional instrumentation. The HANNA HI 736 (for MARINE applications) and HI 706 (for Fresh Water applications) are both accurate and affordable.

The HI 706 Checker®HC is extremely simple to use. First, zero the instrument with your water sample. Next, add the reagents. Last, place the vial into the Checker®HC, press the button and read the results. It's that easy.



## ORDERING INFORMATION

HI 706 Checker®HC is supplied with sample cuvettes with caps (2), reagents for 20 tests, battery and instructions.

## REAGENTS AND STANDARDS

HI 706-25	Reagents for 40 tests (Phosphorus HR)
HI 706-11	Calibration checking set (0.0 and 7.5 ppm phosphorus)

## ACCESSORIES

HI 731318	Cuvette cleaning cloth (4)
HI 731321	Glass cuvettes (4)
HI 731225	Caps for cuvettes (4)
HI 93703-50	Cuvette cleaning solution, 230 mL

*Checker®HC*  
handheld colorimeter



## Easier to use and more accurate than chemical test kits

- Amino acid method
- ±0.2 ppm ±5% of reading accuracy
- Large, easy to read digits
- Auto shut off

## Dedicated to a single parameter

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

## Small size, big convenience

- Weighing a mere 64 g (2.25 oz.), the Checker®HC easily fits into the palm of your hand or pocket
- Use for quick and accurate on the spot analysis
- Single button operation: zero and measure
- Operated by a single AAA battery

## Ideal for:

- Fresh water applications

SPECIFICATIONS	HI 706 (Phosphorus HR)
Range	0.0 to 15.0 ppm
Resolution	0.1 ppm
Accuracy @ 25°C/77°F	±0.2 ppm ±5% of reading
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 two minutes of non-use and ten seconds after reading
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 the Standard Methods for the Examination of Water and Wastewater, 18th edition, Amino Acid method