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Phosphorus

- Ideal for water heating plant applications, cooling towers & water distribution systems
- Amino acid method of measuring phosphorus
- Long battery life

Phosphorus is found in nature as phosphates. Its concentration in water is monitored because it causes corrosion when present in high levels. It is also an essential parameter for the growth of microorganisms and algae, which are often unwanted in tanks and reserves of water. Phosphorus is also an essential element to plant growth and is needed in large amounts. HANNA instruments® has developed the HI 93706, a microprocessor-based meter to accurately and quickly determine the amount of phosphorus in water. This meter is based on colorimetric technology and provides readings in the range of 0.0 to 15.0 mg/L.

HI 93706 is supplied with 2 cuvetts, battery and instructions.

Available Accessories:

HI 710009 Blue rubber boot

HI 710010 Orange rubber boot

HI 731318 Tissue for wiping cuvetts (4 pcs)

HI 93703-50 Cuvet cleaning solution (230 mL)

HI 731321 Spare measurement cuvetts (4 pcs)

HI 731325 Cuvet cap (4 pcs)

HI 93706-01 Reagent kit for 100 tests

HI 93706-03 Reagent kit for 300 tests

Specifications:

Range	0.0 to 15.0 mg/L
Resolution	0.1 mg/L
Accuracy (@20°C/68°F)	±0.3 mg/L ±4% reading
Typical EMC Deviation	±0.2 mg/L
Light Source	Light Emitting Diode @ 470 nm
Light Life	Life of the instrument
Light Detector	Silicon Photocell
Battery Type / Life	1 x 9V/ approximately 40 hours of continuous use
Environment	0 to 50°C (32 to 122°F); RH 95%
Dimensions	180 x 83 x 46 mm (7.1 x 3.3 x 1.8:)
Weight	290 g (10 oz.)