

HI 93706

Phosphorus



Phosphorus Meter

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.

Specifications

HI 93706 (Phosphorus)

Range	0.0 to 15.0 mg/L
Resolution	0.1 mg/L
Accuracy (@20°C/68°F)	±0.3 mg/L ±4% of reading
Light Source	LED (Light Emitting Diode) 470 nm
Light Life	Life of the instrument
Light Detector	Silicon Photocell
Battery Type / Life	1 x 9V / approx. 40 hours of continuous use; Auto-off after 10 minutes of non-use
Environment	0 to 50°C (32 to 122°F); RH max 95% non-condensing
Dimensions	180 x 83 x 46 mm (7.1 x 3.3 x 1.8")
Weight	290 g (10 oz.)
Method	Adaptation of the Standard Methods for the Examination of Water and Wastewater, 18 th ed. The reaction between potassium and the reagents causes turbidity in the sample

Accessories

HI 710009	Shockproof rubber boot, blue	HI 731321	Measuring cuvet (4 pcs)
HI 710010	Shockproof rubber boot, orange	HI 731325	Cuvet cap (4 pcs)
HI 731318	Tissue for wiping cuvetts (4 pcs)	HI 93706-01	Reagent kit for 100 tests (P)
HI 93703-50	Cuvet cleaning solution (230 mL)	HI 93706-03	Reagent kit for 300 tests (P)

Ordering Information

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



For a comprehensive list of accessories, see sections U and V