

HI 95717 • HI 95706

Phosphate and Phosphorus



Phosphate and Phosphorus Meters with Cal Check™



Phosphorus is present as phosphate in water and wastewater. Phosphates in water comes from biological and industrial drains.

Phosphates are widely used in agriculture as fertilizers, in detergents, and they can be used in industrial process boilers to prevent corrosion.

Phosphates are important for the life of many plants and animals, but used in large quantities, they can affect the process of eutrophication.

HANNA instruments® offers HI 95706 for quick and affordable analysis from 0.00 to 15.00 mg/L of phosphorus and HI 95717 for phosphates analysis from 0.0 to 30.0 mg/L.

Analysis is very simple to perform with a dropper of liquid reagent and a sachet of perfectly dosed powder reagent. These reagents are ready-to-use, they don't need to be prepared. This reduces the time of analysis and makes the procedure easy.

Moreover, validating the instrument can be performed at any time with the Cal Check™ standard cuvettes.

Specifications

	HI 95717 (Phosphates)	HI 95706 (Phosphorus)
Range	0.0 to 30.0 mg/L (as PO ₄ ³⁻)	0.0 to 15.0 mg/L (as P)
Resolution	0.1 mg/L	0.1 mg/L
Precision	±0.5 mg/L to 12.0 mg/L	±0.2 mg/L to 6.0 mg/L
Light Source	Tungsten lamp with narrow band interference filter 525 nm	
Light Detector	Silicon Photocell	
Environment	0 to 50°C (32 to 122°F); RH max 95% non-condensing	
Power Supply	1 x 9V battery	
Auto-off	After 10 min of non-use in measuring mode After 1 hour of non-use in calibration mode	
Dimensions	180 x 83 x 46 mm (7.1 x 3.3 x 1.8")	
Weight	290 g (10 oz.)	
Method	Adaptation of aminoacid method to the Standard Methods for the Examination of Water and Wastewater	

Accessories

HI 95706-11	Cal Check™ standard for HI 95706	HI 710010	Shockproof rubber boot, orange
HI 95717-11	Cal Check™ standard for HI 95717	HI 721310	9V battery (10 pcs)
HI 93706-01	Reagents for 100 tests	HI 731318	Tissue for wiping cuvettes (4 pcs)
HI 93706-03	Reagents for 300 tests	HI 731331	Measuring cuvet (4 pcs)
HI 93717-01	Reagents for 100 tests	HI 731335	Cap for cuvet (4 pcs)
HI 93717-03	Reagents for 300 tests	HI 93703-50	Cuvet cleaning solution (230 mL)
HI 710009	Shockproof rubber boot, blue		

Ordering Information

HI 95706 is supplied complete with 2 cuvettes, battery and instructions.

HI 95717 is supplied complete with 2 cuvettes, battery and instructions.

HI 95706C kit includes HI 95706, rugged carrying case, scissors, tissue for wiping cuvettes and Cal Check™ standard.

HI 95717C kit includes HI 95717, rugged carrying case, scissors, tissue for wiping cuvettes and Cal Check™ standard.

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