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Phosphate, LR

- Simple to operate
- Rugged & lightweight, ideal for field measurements
- Long battery life

Phosphates are particularly important for the growth and development of plant roots, and hence are one of the most common fertilizers used in agriculture. In addition, phosphates are usually utilized in detergents and are needed, in small quantities, for heating systems. However, high concentrations of phosphates can cause environmental pollution: they are for example a primary cause of eutrophication. For these reasons, it is necessary to closely monitor the phosphate levels present in both civil and industrial waste water. In order to cater to the different needs of users in a wide array of applications, the HANNA instruments® phosphate meters have been designed to cover the following ranges: From 0.00 to 2.50 mg/L (HI 93713) From 0.0 to 30.0 mg/L (HI 93717)

HI 93713 is supplied complete with 2 cuvetts, battery and instructions. HI 93713C, kit includes HI 93713, rugged carrying case 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 93713-01 Reagent kit for 100 tests
- HI 93713-03 Reagent kit for 300 tests

Specifications:

Range	0.00 to 2.50 mg/L
Resolution	0.01 mg/L
Accuracy (@20°C/68°F)	±0.04 mg/L ±4% of reading
Typical EMC Deviation	±0.01 mg/L
Light Source	Light Emitting Diode @ 890 nm
Light Life	Life of the Instrument
Light Detector	Silicon Photocell
Battery Type / Life	9 Volt Battery/ Approximately 300 tests
Environment	32 to 122°F (0 to 50°C); RH 95%
Dimensions	7.1 x 3.3 x 1.8" (180 x 83 x 46 mm)
Weight	10oz. (290 grams)