



Potassium Meter

Potassium as a chemical element is commonly found in nature.

It is present in soil and drinking water.

It is also an essential element for the growth of plants and animals.

The concentration of potassium is important in determining the quality of soil in applications such as greenhouses, agriculture and horticulture.

Potassium salts are also a common component of fertilizers.

The **HANNA** instruments® **HI 93750** photometer measures potassium quickly in the 0 to 50 mg/L (ppm) range.

It is easy to use, even for non-technical personnel.

The **HI 93750** is an ideal solution to the determination of potassium concentration in the field.



Specifications

HI 93750 (Potassium)	
Range	0.00 to 50.0 mg/L
Resolution	0.05 mg/L (0.00 to 9.95 mg/L); 0.1 mg/L (10.0 to 50.0 mg/L)
Accuracy (@20°C/68°F)	±0.5 mg/L ±5% of reading (0.00 to 9.95 mg/L); ±1 mg/L ±5% of reading (10.0 to 50.0 mg/L)
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 Turbidimetric Tetraphenylborate Method. The reaction between potassium and the reagents causes turbidity in the sample.

Ordering Information

HI 93750 is supplied complete with 2 cuvetts, battery and instructions.

Accessories

HI 710009	Shockproof rubber boot, blue	HI 731325	Cuvet cap (4 pcs)
HI 710010	Shockproof rubber boot, orange	HI 93703-50	Cuvet cleaning solution (230 mL)
HI 731318	Tissue for wiping cuvetts (4 pcs)	HI 93750-01	Reagent kit for 100 tests (K)
HI 731321	Measuring cuvet (4 pcs)	HI 93750-03	Reagent kit for 300 tests (K)

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