HI 96750

Potassium Portable Photometer

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- CAL CHECK™
- User calibration
- Certified calibration and verification standards
- BEPS (Battery Error Prevention System)
- TIMER function
- Auto shut-off
- GLP Features

Potassium as a chemical element is commonly found in nature. It is present in soil and drinking water and is also an essential element for the growth of plants and animals.

Potassium concentration is important in determining the quality of soil in many greenhouse, agriculture and horticulture applications. Potassium salts are also a common component of fertilizers.

The HI 96750 measures the potassium (K) content in water samples in the 0.0 to
10.0 mg/L (ppm) for low range and 10 to 100 mg/L (ppm) for medium range. The
HI 96750 uses the Tetraphenylborate Method. The reaction between potassium and reagents causes turbidity in the sample.

HI 96750 uses an exclusive positive-locking system to ensure that the cuvette is in the same place every time it is placed into the measurement cell.

Order Information:
HI 96750 is supplied with sample cuvettes with caps (2), 9V battery and instruction manual.
HI 96750C includes photometer, sample cuvettes with caps (2 ea.), 9V battery, scissors, cloth for wiping cuvettes, instrument quality certificate, instruction manual and rigid carrying case.

Specifications | Accessories | Downloads

Range	0.0 to 10.0 mg/L LR; 10 to 100 mg/L MR
Resolution	0.1 mg/L LR; 1 mg/L MR
Accuracy	LR: ±1.5 mg/L ±7% of reading @ 25°C; MR: ±15 mg/L ±7% of reading @ 25°C
Light Source	Light Emitting Diode
Light Detector	silicon photocell with narrow band interference filter @ 466 nm
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	192 x 104 x 69 mm (7.6 x 4.1 x 2.7")

Weight	360 g (12.7 oz.)
Method	Tetraphenylborate method