



Copper Meter with Cal Check™

Copper is a very important element. Besides being an essential microelement for plants and animals, it is widely used in many applications, like alloys, pigments, kitchen utensils, pipes, electric wires, etc. Copper salts are often employed to contain the growth of plankton and algae. In drinking water copper's presence with concentrations higher than 1 mg/L can give a bitter taste.

HANNA instruments® presents HI 95747 to measure a wide range of copper concentrations, from 0.000 to 1.500 mg/L. Analysis is very simple, just add a sachet of powder.

The new powder reagent HI 95747-01 has the advantage of being stable for a long time. Thanks to its components, the reagent can be used in different fields. In fact it works even in salt water and doesn't suffer from iron or calcium interference.

Moreover, validating the instrument is possible at any time with the Cal Check™ standard cuvetts.



Specifications

HI 95747	
Range	0.000 to 1.500 mg/L
Resolution	0.001 mg/L for measurement; 0.01 mg/L for calibration and validation
Precision	±0.015 mg/L to 0.750 mg/L
Light Source	Tungsten lamp with narrow band interference filter 560 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 EPA Method

Accessories

HI 95747-11	Cal Check™ standard cuvetts for HI 95747	HI 721310	9V Battery (10 pcs)
HI 95747-01	Reagents for 100 tests	HI 731318	Tissue for wiping cuvetts (4 pcs)
HI 95747-03	Reagents for 300 tests	HI 731331	Measuring cuvet (4 pcs)
HI 710009	Shockproof rubber boot, blue	HI 731335	Cap for cuvet (4 pcs)
HI 710010	Shockproof rubber boot, orange	HI 93703-50	Cuvet cleaning solution (230 mL)

Ordering Information

HI 95747 is supplied complete with 2 measuring cuvetts, 9V battery and instructions.

HI 95747C kit includes HI 95747, rugged carrying case, scissors, tissue for wiping cuvetts and Cal Check™ standard.

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