



Copper

- Measures a Wide Range of Copper Concentrations
- Simple to Operate
- Cal Check™ Technology

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.

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.

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Available Accessories:

HI 95747-11 Cal Check™ standard cuvetts, HI 95747

HI 95747-01 Reagents for 100 tests

HI 95747-03 Reagents for 300 tests

HI 710009 Shockproof rubber boot, blue

HI 710010 Shockproof rubber boot, orange

HI 721310 9V Battery (10 pcs)

HI 731318 Tissue for wiping cuvetts (4 pcs)

HI 731331 Measuring cuvet (4 pcs)

HI 731335 Cap for cuvet (4 pcs)

HI 93703-50 Cuvet cleaning solution (230 mL)

Specifications:

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
Weight	290 g (10 oz.)
Method	Adaptation of EPA Method