HI 93712

Aluminum

Aluminum Meter

Potable water should contain very limited concentrations of aluminum in order to be considered of good quality. In fact, concentrations that are higher than 1.0 mg/L will make the water taste unpleasant. In addition, authorities have imposed a maximum level of aluminum in potable water of 0.2 mg/L.

HANNA instruments®' HI 93712 is a microprocessor-based portable meter that determines the aluminum concentration in water. It is ideal for use in quick spot checks as it is easy to operate and provides great resolution and accuracy.

The operating range is appropriate to the levels found in drinking water applications. The measurement procedure has been simplified to have fast and accurate readings in field applications.

Specifications

	HI 93712 (Aluminum)
Range	0.00 to 1.00 mg/L
Resolution	0.01 mg/L
Accuracy (@20°C/68°F)	±0.02 mg/L ±4% of reading
Light Source	LED (Light Emitting Diode) 470 nm
Light Life	Life ot 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 aluminon method. The reaction between aluminum and reagents causes a reddish tint in the sample

Accessories

HI 710009	Shockproof rubber boot, blue
HI 710010	Shockproof rubber boot, orange
HI 731318	Tissue for wiping cuvets (4 pcs)
HI 93703-50	Cuvet cleaning solution (230 mL)
HI 731321	Measuring cuvet (4 pcs)
HI 731325	Cuvet cap (4 pcs)
HI 93712-01	Reagent kit for 100 tests (Al)
HI 93712-03	Reagent kit for 300 tests (Al)

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

Ordering Information

HI 93712 is supplied complete with 2 cuvets, battery and instructions.