

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 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 aluminon method. The reaction between aluminum and reagents causes a reddish tint in the sample |

Accessories

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

Ordering Information

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

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