

Fluoride LR Meter with Cal Check™



This meter measures fluoride from 0.00 to 2.00 mg/L. Fluoride is naturally present in water and in some countries the level is kept at 1 mg/L in order to prevent dental cavities.

A high concentration of fluoride can be harmful, so its presence needs to be monitored. HANNA instruments® offers the HI 95729C kit, including an automatic 2000 µL micropipettor.

The micropipettor is a fast and excellent tool to safely dose liquid reagent. The micropipettor's tip is easily changed.

One of the most important interfering element for fluoride analysis is chlorine, present in some applications such as drinking waters.

HANNA instruments® suggests the HI 93703-53 liquid reagent with dropper to remove chlorine interference. This reagent is very quick and practical to use, just add a drop every 2 mg/L of chlorine to eliminate its interference.

Validating the instrument can be performed at any time with the Cal Check™ standard cuvetts.



Specifications

HI 95729	
Range	0.00 to 2.00 mg/L
Resolution	0.01 mg/L
Precision	±0.03 mg/L to 1.00 mg/L
Light Source	Tungsten lamp with narrow band interference filter 575 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 340.1 Method and Standard Methods, SPADNS Method

Accessories

HI 93703-53	Reagent for chlorine dropper	HI 731318	Tissue for wiping cuvetts (4 pcs)
HI 95729-11	Cal Check™ standard for HI 95729	HI 731331	Measuring cuvet (4 pcs)
HI 93729-01	Reagents for 100 tests	HI 731335	Cap for cuvet (4 pcs)
HI 93729-03	Reagents for 300 tests	HI 731342	2000 µL automatic pipet, fixed volume
HI 710009	Shockproof rubber boot, blue	HI 731352	Tip for 2000 µL automatic pipet (4 pcs)
HI 710010	Shockproof rubber boot, orange		
HI 721310	9V battery (10 pcs)		

Ordering Information

HI 95729 is supplied complete with 2 measuring cuvetts, 9V battery and instructions.

HI 95729C kit includes HI 95729, rugged carrying case, tissue for wiping cuvetts, Cal Check™ standard and fixed volume 2000 µL automatic pipet.

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