



Intellical ISEF12101 Fluoride (F⁻) Ion Selective Electrode (ISE) with Calibration Reagents Pack

Product #: ISEF121AP
ZAR Price: Contact Hach
Ships within 1 week

The Intellical Fluoride ISE Analysis Package contains all you need to start measuring fluoride (F⁻) with your HQD meter instrument: The Intellical ISEF121 Fluoride ISE with 1 m cable, 500 mL bottles of 0,5 mg/L, 1 mg/L and 2 mg/L of Hach Fluoride standard solutions, pack of 100 Hach fluoride ionic strength adjustor (ISA) Powder Pillows.

Requires virtually no maintenance

The solid-state sensor design allows for DRY storage of the ISE without a shelf life. Also, the probe does not require the electrolyte to be refilled or membrane replacement.

Fast, stable, and accurate results

Intellical digital probes lock on the result when the measurement is stable, removing the guesswork in having a moving number. Additionally, the probe's large annular reference junction provides maximum surface area between sample and reference electrolyte for fast measurement stability.

Ultimate traceability in measurement history

Stored time and date stamp for each measurement, operator and sample ID, calibration history, parameter, and probe serial number

Can be moved between meters without the need to re-calibrate or re-enter measurement settings

Ideal for a multi-user environment with multiple HQD series Laboratory and Portable meters

Specifications

Accuracy:	±0.02 mV or 0.05%, whichever is greater
Cable Length:	1 m
Electrode Type:	Standard
ISA Required:	Fluoride ISA (#258999)
Junction:	Annular Junction (PTFE)
Kit?:	Yes
Length:	175 mm
Method Type:	Laboratory: Non-Refillable Dritek Gel Reference Element
Parameter:	Fluoride
Product Kit:	Model: ISEF121 Accessories Included: Calibration Reagents Pack
Range:	0.01 mg/L (5 x 10 ⁻⁷ M) - 19 g/L (1 M) F ⁻
Reference system:	Ag/AgCl

Resolution:	Selectable up to 4 significant digits
Sample Volume:	25 mL
Sensor material:	Epoxy
Sensor Type :	Solid-state crystal membrane
Special Features:	Dry storage & fast response time. No replacement membranes.
Temperature Accuracy:	±0.3 °C
Temperature Range:	5 - 50 °C
Temperature resolution:	0.1 °C
Test requirements:	Parameter Needed: Fluoride
	Minimum Sample Depth (mm): 26
Thermistor :	ATC
Warranty:	12 months
Weight:	0.15 kg
What's included?:	Kit includes Intellical ISEF121 combination fluoride ISE, 1m cable (no. ISEF12101), Hach fluoride standard solutions: 500 mL bottles of 0,5 mg/L (no.40505), 1.0 mg/L (no.29149) and 2.0 mg/L (no.40520), a pack of 100 Hach fluoride ionic strength adjustor (ISA) Powder Pillows (no. 258999), and ISE Basic User Manual.

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