



## Intellical ISEF12101 Fluoride (F<sup>-</sup>) Ion Selective Electrode (ISE) with Calibration Reagents Pack

**Product #:** ISEF121AP  
**AED Price:** Contact Hach  
**No availability shown**

The Intellical Fluoride ISE Analysis Package contains all you need to start measuring fluoride (F<sup>-</sup>) 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

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## Specifications

Accuracy:	±0.02 mV or 0.05%, whichever is greater
Cable length:	1 m
Electrode type:	Non-Refillable Dritek Gel Reference Element
ISA required:	Fluoride ISA (#258999)
Junction:	Annular Junction (PTFE)
Kit?:	Yes
Length:	175 mm
Measuring range:	0.01 mg/L (5 x 10 <sup>-7</sup> M) - 19 g/L (1 M) F <sup>-</sup>
Method Type:	Laboratory: Non-Refillable Dritek Gel Reference Element
Parameter:	Fluoride
Product Kit:	Model: ISEF121  Accessories Included: Calibration Reagents Pack
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:	Integrated
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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