



## IntelliCAL™ ISEF121 Fluoride Ion Selective Electrode (ISE), 1 meter cable

Product #: ISEF12101

IntelliCAL™ ISEF121 is a digital, combination fluoride ion selective electrode (ISE) with a non-refillable, single junction reference and built-in temperature sensor. The IntelliCAL ISEF121 probe is available with a 1 or 3 meter cable and is intended for laboratory use. The ISEF121 is ideal for measuring fluoride concentrations in drinking water, wastewater, and general water quality applications. The ISEF121's solid-state sensor design eliminates membrane replacement and allows for dry storage of the ISE.

### 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:	±0.02mV or 0.05%, whichever is greater
Cable Length:	1 m
Connector:	HQD specific
Diameter:	12 mm
Dimensions (D x L):	12 mm x 220 mm
Filling Solution:	Non-refillable driTEK gel
ISA Required:	258999
Junction:	Porous PTFE Annular Ring
Length:	220 mm
Material:	Sensor Body: Epoxy
Parameter:	Fluoride
Probe Type:	Standard
Reference Type:	Ag/AgCl
Resolution:	2, 3, 4 significant digits selectable
Sensor Type:	Solid-state crystal membrane
Special Feature:	Dry storage & fast response time. No replacement membranes.

Temperature Range:

5 to 50 °C

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## **What's in the box?**

Includes: IntelliCAL ISEF121 combination Fluoride ISE with integrated temperature sensor, calibration certificate, and Basic User Manual.