



IntelliCAL™ Fluoride ISE Analysis Package

Product #: ISEF121AP

The IntelliCAL™ Fluoride ISE Analysis Package contains the IntelliCAL™ ISEF121 Fluoride ISE, 100 pack of fluoride ISA powder pillows (258999), 500 mL of 0.5 mg/L fluoride standard solution (40505), 500 mL of 1.0 mg/L fluoride standard solution (29149), and 500 mL of 2.0 mg/L fluoride standard solution (40520).

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

Specifications

Cable Length:	1 m
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
Sensor Type:	Solid-state crystal membrane
Special Feature:	Dry storage & fast response time. No replacement membranes.
Temperature Range:	Continuous use: 5 to 50 °C

What's in the box?

Kit includes: IntelliCAL ISEF121 combination Fluoride ISE (no. ISEF12101), three Hach fluoride standard solutions (0.5 mg/L (500 mL, no. 40505), 1.0 mg/L (500 mL, no. 29149), and 2.0 mg/L (500 mL, no. 40520)), Hach fluoride ionic strength adjustor (ISA) Powder Pillows (pack of 100, no. 258999), and ISE Basic User Manual.