



IntelliCAL™ Chloride ISE Analysis Package

Product #: ISECL181AP

Ships within 3 days

The IntelliCAL™ Chloride ISE Analysis Package contains the IntelliCAL™ ISECL181 Chloride ISE, 100 pack of chloride ISA powder pillows (2318069), 1 L of 100 mg/L chloride standard solution (2370853), 500 mL of 1000 mg/L chloride standard solution (18349). IntelliCAL™ ISECL181 is a digital, combination chloride ion selective electrode (ISE) with a non-refillable, double junction reference and built-in temperature sensor. The IntelliCAL ISECL181 probe is available with a 1 or 3 meter cable and is intended for laboratory use. The ISECL181 is ideal for measuring chloride concentrations in wastewater, drinking water and general water quality applications. The ISECL181'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:	2318069
Junction:	Porous PTFE Annular Ring
Length:	220 mm
Material:	Sensor Body: Epoxy
Parameter:	Chloride
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 ISECL181 combination Chloride ISE (no. ISECL18101), two Hach chloride standard solutions (100 mg/L (1 L, no. 2370853) and 1000 mg/L (500 mL, no. 18349)), Hach chloride ionic strength adjustor (ISA) Powder Pillows (pack of 100, no. 2318069), and ISE Basic User Manual.

Required Accessories

- Chloride Ionic Strength Adjustor (ISA) Buffer Powder Pillows, pk/100 (Item 2318069)