



Intellical ISECL18101 Chloride (Cl^-) Ion Selective Electrode (ISE) with Calibration Reagents Pack

Product #: ISECL181AP

ZAR Price: Contact Hach
Ships within 1 week

The Intellical Chloride ISE Analysis Package contains all you need to start measuring chloride (Cl^-) with your HQD meter instrument: The Intellical ISECL181 Chloride ISE with 1 m cable, 1 L bottles of 100 mg/L and 500mL of 1000 mg/L of Hach Chloride standard solutions, pack of 100 Hach chloride 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:	Non-Refillable Dritek Gel Reference Element
ISA Required:	Chloride ISA (#2318069)
Junction:	Double Junction (ceramic Porous Pin and annular porous PTFE)
Kit?:	Yes
Length:	175 mm
Method Type:	Laboratory: Non-Refillable Dritek Gel Reference Element
Parameter:	Chloride
Product Kit:	Model: ISEF121
	Accessories Included: Calibration Reagents Pack
Range:	0.1 mg/L (3×10^{-6} M) - 35.5 g/L (1 M) Cl^-
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: Chloride
	Minimum Sample Depth (mm): 26
Thermistor :	ATC
Warranty:	6 months
Weight:	0.15 kg
What's included?:	Kit includes Intellical ISECL181 combination chloride ISE, 1m cable (no. ISECL18101), Hach chloride standard solutions: 1 L bottle of 100 mg/L (no. 2370853) and 500 mL of 1000 mg/L (no. 18349), a pack of 100 Hach chloride ionic strength adjustor (ISA) Powder Pillows (no. 2318069), and ISE Basic User Manual.

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