



## Intellical ISECL18101 Chloride ( $\text{Cl}^-$ ) Ion Selective Electrode (ISE) with Calibration Reagents Pack

**Product #:** ISECL181AP

AED Price: Contact Hach  
Call for ship date

The Intellical Chloride ISE Analysis Package contains all you need to start measuring chloride ( $\text{Cl}^-$ ) 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

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## Specifications

Accuracy:	$\pm 0.02$ 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
Measuring range:	0.1 mg/L ( $3 \times 10^{-6}$ M) - 35.5 g/L (1 M) $\text{Cl}^-$
Method Type:	Laboratory: Non-Refillable Dritek Gel Reference Element
Parameter:	Chloride
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: Chloride
	Minimum Sample Depth (mm): 26
Thermistor:	Integrated
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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