



## IntelliCAL™ ISECL181 Chloride Ion Selective Electrode (ISE), 3 meter cable

Product #: ISECL18103

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

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## Specifications

|                     |   |
|---------------------|---|
| Cable Length:       | 3 m   |
| Connector:          | HQD specific  |
| 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:  | 5 to 50 °C  |

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## What's in the box?

Includes: IntelliCAL ISECL181 combination Chloride ISE with integrated temperature sensor, calibration certificate, and Basic User Manual.

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## Required Accessories

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