



Intellical ISENA381 Sodium (Na^+) Ion Selective Electrode (ISE), 1 m cable

Product #: ISENA38101
ZAR Price: Contact Hach
Ships within 1 week

Intellical ISENA381 is a digital, combination, sodium ion selective electrode (ISE) with a refillable double junction reference and built-in temperature sensor. The electrode measures sodium concentration in water samples. A 59 mL bottle of 0.02 M NH_4Cl Electrode Filling Solution is included with the probe. The laboratory version of this ISE is shockproof with its Zeonor plastic body. The Intellical ISENA381 probe is available with a 1 or 3 meter cable and is intended for laboratory use. The ISENA381 is ideal for measuring sodium concentrations in wastewater, drinking water and general water quality applications.

Provides fast, stable, and accurate response

Refillable, easy to maintain design with a unique built-in-temperature sensor. Intellical digital probes lock on the result when the measurement is stable, removing the guesswork in having a moving number.

Ultimate traceability in measurement history

Stored time and date stamp for each measurement, operator and sample ID, calibration history, parameter, and probe serial number.

User alerted when re-calibration is needed

No guesswork needed to provide the most reliable and accurate results with each measurement.

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: | Refillable Reference Element |
| Filling Solution: | 0.02 M NH_4Cl (#2965126) |
| ISA Required: | Sodium/Potassium ISA (#4451569) |
| Junction: | Double Porous Pin Junction |
| Kit?: | No |
| Length: | 175 mm |
| Method Type: | Laboratory: Refillable Reference Element |
| Parameter: | Sodium |
| Product Kit: | Model: ISENA381 |
| | Accessories Included: None |
| Range: | 0.023 mg/L (1×10^{-6} M) - 23 g/L (1 M) Na^+ |
| Reference system: | Ag/AgCl |
| Resolution: | Selectable up to 4 significant digits |

| | |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Sample Volume: | 25 mL |
| Sensor material: | Zeonor |
| Sensor Type : | pH Glass |
| Temperature Accuracy: | ±0.3 °C |
| Temperature Range: | 0 - 50 °C |
| Temperature resolution: | 0.1 °C |
| Test requirements: | Parameter Needed: Sodium |
| | Minimum Sample Depth (mm): 26 |
| Thermistor : | ATC |
| Warranty: | 12 months |
| Weight: | 0.1 kg |
| What's included?: | Intellical ISENa381 combination Sodium ISE with storage soaker bottle, 1 m cable, a 0.02M NH4Cl electrolyte refill solution bottle (60 mL), Test certificate, and Basic User Manual. |

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Required Accessories

- Filling Solution, ISENa381, 0.02 M NH₄Cl, 59 mL (Item 2965126)
- Sodium/Potassium Ionic Strength Adjustor (ISA) Powder Pillows, pk/100 (Item 4451569)