



## Intellical ISENA381 Sodium ( $\text{Na}^+$ ) Ion Selective Electrode (ISE), 3 m cable

**Product #:** ISENA38103  
**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  $\text{NH}_4\text{Cl}$  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.

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## Specifications

Accuracy:	$\pm 0.02$ mV or 0.05%, whichever is greater
Cable Length:	3 m
Electrode Type:	Standard
Filling Solution:	0.02 M $\text{NH}_4\text{Cl}$ (#2965126)
ISA Required:	Sodium/Potassium ISA (#4451569)
Junction:	Double Porous Pin Junction
Kit?:	No
Length:	175 mm
Method Type:	Field: Refillable Reference Element
Parameter:	Sodium
Product Kit:	Model: ISENH381
	Accessories Included: None
Range:	0.023 mg/L ( $1 \times 10^{-6}$ M) - 23 g/L (1 M) $\text{Na}^+$
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:	0.15 kg
What's included?:	Intellical ISENA381 combination Sodium ISE with storage soaker bottle, 3 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 NH<sub>4</sub>Cl, 59 mL (Item 2965126)
- Sodium/Potassium Ionic Strength Adjustor (ISA) Powder Pillows, pk/100 (Item 4451569)