



Thermo Scientific Orion ROSS® Sodium Ion Selective Electrodes

ROSS Fast Response and Stability

Comes with Complete Solution Kit Containing Standards, Reagents, ISA and More!

Quick, accurate and economical measurements of free sodium ions in aqueous solutions. Chemical resistant glass body.

Applications for Sodium Electrodes

The sodium electrode is commonly used to measure samples such as food, beverages and animal feed.

Accessories and Solutions

Thermo Scientific provides you all the accessories you need for sodium measurement when you purchase a ROSS sodium electrode. Each electrode comes with electrode fill solution, sodium ionic strength adjustor, 3 different sodium standards, sodium electrode reconditioning solution and sodium electrode storage solution.

Convenient combination with Sure-Flow reference



Combination Ross Sodium ISE with Sure-Flow® reference

- Unique redox ROSS reference system provides fast response, better stability and accuracy than conventional sodium electrodes
- Sure-Flow reference prevents clogging while giving fast, stable readings

Half cell reference design provides flexibility with choice of ROSS references



Half cells - Chloride ISE and double junction Sure-Flow reference and optimum performance

- Choice of ROSS reference systems: ROSS Sure-Flow reference (800300) with easy to clean and reliable junction
- ROSS Ultra® reference (800500U) with ROSS performance and extended life with 2 year warranty

Cat. No.	8611BNWP	8411BN	800300 800500U
Measurement Range	1 x 10 ⁻⁶ M to saturated 0.02 ppm to saturated	1 x 10 ⁻⁶ M to saturated 0.02 ppm to saturated	–
Temp. Range	0 to 100 °C	0 to 100 °C	0 to 100 °C
Connector Type	BNC Waterproof	BNC	Pin Tip

Cat. No.	Recommended Accessories
941706	0.1 M NaCl standard, 475 mL
841108	1000 ppm sodium standard, 475 mL
941107	100 ppm sodium standard, 475 mL
941105	10 ppm sodium standard, 475 mL
650700	Known addition kit – 3 x 475 mL of 1 M NaCl standard with ISA and 1 x 475 mL ISA
841109	Know addition standard, 1000 ppm as Na ⁺ with ISA, 475 mL
841111	Sodium ionic strength adjustor (ISA), 475 mL
841113	Sodium electrode reconditioning solution, 475 mL
841101	Sodium electrode storage solution, 475 mL
900010	Sodium electrode fill solution, 5 x 60 mL
900012	Sodium electrode fill solution for low sodium levels (below 10 ⁻⁵ M or 0.2 ppm)

