

PRO6236 • Sodium (Na^+) Combined Ion Selective Electrode

Combined ISE • glass membrane • ceramic junction • refillable • BNC

Na^+ 23 MG/L – 2.3 G/L 20–40 °C COMBINED $\Phi 12 \times 120$ MM BNC (Q9)

PRO6236 is a combined sodium ion selective electrode: the sodium-sensitive glass membrane and the reference are in one shaft, so no separate reference electrode is needed.

How it is built



BODY Glass

Lead-free glass, easy to clean, suitable for organic solutions. Breakable.



JUNCTION Ceramic

Good permeability, stable potential.



CONNECTOR BNC (Q9)

Fits pH / ion meters with a BNC electrode input.

ION
 Na^+

RANGE
23 $\mu\text{g/L}$ – 2.3 g/L

TEMPERATURE
20 – 40 °C

BEST FOR
Sodium in aqueous samples

Why choose it

Direct ion measurement: Na^+ concentration from 23 $\mu\text{g/L}$ – 2.3 g/L.

One electrode in the sample: sensing membrane and reference are combined in one shaft.

Selective membrane: glass bulb sensitive to Na^+ .



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Technical parameters

Parameter	Specification
Model / order code	PRO6236
Electrode type	Combined ion selective electrode
Measured ion	Na ⁺
Measuring range	1 × 10 ⁻⁶ – 0.1 mol/L 23 µg/L – 2.3 g/L
Sensitive material	Glass bulb
Body material	Glass
Working temperature	20 – 40 °C
Interfering ions	H ⁺ , Li ⁺ , NH ₄ ⁺ , Ag ⁺
Reference system	Ag/AgCl
Junction	Ceramic
Fill solution	1 M NH ₄ Cl
Dimensions	Φ12 × 120 mm
Connector	BNC (Q9)

Meter: use a pH / ion meter with a BNC input and an ion (concentration) measuring mode.



BNC (Q9) connector. Plugs directly into pH / ion meters with a BNC electrode input.

Measurement notes

Calibration: calibrate with 0.1 M sodium standard (0.1 M NaCl) diluted to bracket the expected concentration.

Ionic strength adjuster: 0.2 mol/L diisopropylamine, added to standards and samples alike.

Interferences: H⁺, Li⁺, NH₄⁺, Ag⁺ interfere with the reading.

Ordering data

Order code: PRO6236

Connector: BNC (Q9) — check the meter input before ordering.

Used with: 0.1 M sodium standard, 0.2 mol/L diisopropylamine, 1 M NH₄Cl filling solution.

SUPPLIER AND SUPPORT

COLO Lab Experts
 Polje ob Sotli 4, SI-3255, Slovenia

QUICK CONTACT



COLO.SCIENCE • ELECTRODE SELECTION SUPPORT

Need help setting up the ion measurement?

Send us the meter model, sample type and expected concentration — we will confirm the electrode, standards and ionic strength adjuster.

Technical values are given for product selection. The configuration confirmed in the COLO.Science quotation is binding for delivery.

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