

REQUEST QUOTE

COLO.SCIENCE HOME

LABORATORY EQUIPMENT

WATER QUALITY KNOWLEDGE

PRO6237

Combined Fluoride Ion Selective Electrode · F⁻ ISE · BNC(Q9) Connector

PRO6237 Combined Fluoride Ion Selective Electrode is a combined ion-selective electrode for fluoride ion measurement in compatible ISE-capable meters. The combined electrode uses a crystalline-state membrane, plastic body and BNC(Q9) connector, and is intended for economical ion measurement workflows such as direct reading, standard addition, sample addition and GRAN methods when supported by the connected meter.

COMBINED FLUORIDE ISE

F⁻ SPECIES

10⁻¹ TO 10⁻⁶ M

CRYSTALLINE MEMBRANE

PLASTIC BODY

Ø12 × 120 MM

5–45°C

BNC(Q9)

COMBINED ISE PROBE

Document type: **Technical Specification Sheet**

Product family: **Electrochemistry / Combined Ion Selective Electrodes**

Model / SKU: **PRO6237**

Electrode type: **Combined Fluoride Ion Selective Electrode · F⁻ ISE with integrated reference function**

Format: **A4 landscape · COLO.Science TechSpec v2.4 with navigation links**

Note: **All product identification in this document refers to SKU PRO6237. Connector images are shown only as visual connection references.**



PRO6237 · combined fluoride ion selective electrode · main unit

MODEL / SKU

PRO6237
Combined Fluoride ISE

ADDRESS / HQ

Polje ob Sotli 4
SI-3255, Slovenia

CONTACT

sales@colo.si
+386 64 222 724

REQUEST QUOTE

COLO.SCIENCE HOME

LABORATORY EQUIPMENT

WATER QUALITY KNOWLEDGE

PRO6237 · technical specification

Combined fluoride ion selective electrode for compatible ISE-capable meters

F⁻ FLUORIDE

10⁻¹ M ~ 10⁻⁶ M

CRYSTALLINE-STATE MEMBRANE

BNC(Q9)

COMBINED ISE PROBE

— Combined electrode configuration must match the selected meter input

Product Overview

Application profile

Fluoride ion measurement: combined ISE probe designed for fluoride ion activity / concentration measurement using a compatible ion meter or ISE-capable electrochemistry meter.

Routine ISE workflows: suitable for economical ion measurement where direct reading or addition-based methods are required.

Laboratory and QA/QC use: applicable in water, environmental, educational and routine analytical workflows where fluoride ion determination is required.

Method-dependent operation: available ISE modes such as Auto-reading, Standard Add, Sample Add and GRAN depend on the connected meter functions.

Key features

Species: fluoride ion, F⁻.

Measuring range: 10⁻¹ M to 10⁻⁶ M.

Membrane: crystalline-state membrane for fluoride ion-selective measurement.

Body: plastic electrode body for routine laboratory handling.

Dimensions: Ø12 × 120 mm electrode format.

Working temperature: 5–45°C operating range.

Connector: BNC(Q9), meter compatibility to be confirmed before delivery.

System concept

Combined ISE electrode: PRO6237 combines the fluoride ion-selective measuring electrode with the reference electrode system in one probe body.

Integrated reference: the combined ISE probe includes the reference electrode function; a separate reference electrode is normally not required for this combined electrode format.

Connector compatibility: connector selection must match the meter input. PRO6237 is specified with BNC(Q9) connection; S7 versions require an S7-BNC(Q9) cable when applicable.

Single SKU principle: connector visual references in this document do not define a separate product SKU; the electrode SKU remains PRO6237.

Core technical summary

Parameter	Specification
Model / SKU	PRO6237
Species	Fluoride (F ⁻)
Name	Combined Ion Selective Electrode
Measuring range	10 ⁻¹ M ~ 10 ⁻⁶ M
Membrane	Crystalline-state membrane
Body	Plastic
Dimension	Ø12 × 120 mm
Working temperature	5–45°C
Connector	BNC(Q9)

ION SPECIES

Fluoride F⁻

RANGE

10⁻¹–10⁻⁶ M

MEMBRANE

Crystalline-state

CONNECTOR

BNC(Q9)


Technical Specifications
Electrode specification

Parameter	Specification
Model / SKU	PRO6237
Species	Fluoride (F ⁻)
Product name	Combined Ion Selective Electrode
Electrode type	Combined fluoride ion selective electrode
Measuring range	10 ⁻¹ M ~ 10 ⁻⁶ M
Membrane	Crystalline-state membrane
Body material	Plastic
Dimension	∅12 × 120 mm
Working temperature	5–45°C
Connector	BNC(Q9)

ISE measurement mode support

Measurement mode	Technical note
Auto-reading	Available when supported by the connected ISE-capable meter.
Standard Add	Addition-based ISE method; availability depends on meter software/function set.
Sample Add	Sample addition method; availability depends on meter software/function set.
GRAN methods	Supported only where the connected meter includes GRAN calculation functions.

Compatibility and configuration

Item	Configuration note
Meter compatibility	Use only with a compatible ion meter or ISE-capable electrochemistry meter.
Reference electrode	Combined ISE probe integrates the reference electrode function in the electrode assembly; separate reference electrode is normally not required for this combined format.
Connector requirement	Connector must match the meter input. This configuration is specified as BNC(Q9).
S7 option note	Where an S7 electrode configuration is used, an S7-BNC(Q9) cable is required to connect to a BNC(Q9) meter input.
Connector image note	Connector detail image is for visual reference only; it does not assign a second SKU to the electrode.
Single SKU rule	All product identification in this technical sheet remains PRO6237.
Final configuration	Confirm combined electrode, connector/cable arrangement and meter compatibility in the official quotation.

Specification note

Sample matrix: confirm sample type, expected fluoride concentration range and any matrix preparation requirements before final configuration.

Reference system: final measurement reliability depends on the combined ISE probe condition, compatible meter input and correct method settings.

Connector: BNC(Q9) compatibility should be checked against the selected meter input before delivery.

Documentation: final method, accessories and calibration/standard solutions should be confirmed for each quotation.

Technical values are provided for product selection and orientation. Final delivered configuration, combined electrode format, connector/cable arrangement, accessory set and documentation should be confirmed through the official COLO.Science quotation or manufacturer-confirmed offer.

 Visual Support and Compatibility Notes

PRO6237 · combined fluoride ion selective electrode · main body

Configuration logic

Main product: PRO6237 combined fluoride ISE electrode.

Measured species: fluoride ion F⁻.

Combined design: measuring and reference functions are integrated in one electrode body.

Connector: BNC(Q9); meter compatibility must be confirmed before quotation.

Image references



Main electrode · SKU PRO6237



BNC(Q9) connector reference · not a second SKU

SKU note — connector image is not a second product code

The electrode is identified as **PRO6237**. The connector image only explains the BNC(Q9) connection type. Final meter and cable compatibility should be confirmed before delivery.

Range: 10⁻¹ to 10⁻⁶ M · **Method:** direct, addition or GRAN method according to meter function.

Quotation check: confirm meter model, sample type, concentration range, connector/cable and required standards as one functional ISE setup.

REQUEST QUOTE

COLO.SCIENCE HOME

PDF DATASHEET

WATER QUALITY KNOWLEDGE

MANUFACTURER AND SUPPORT

COLO Lab Experts

Polje ob Sotli 4, SI-3255, Slovenia

Selection guidance: Send the meter model, sample type, expected fluoride range, required ISE method and connector/cable requirements. COLO.Science can help confirm the correct PRO6237 electrode configuration and compatible accessory set for your measurement workflow.

QUICK CONTACT

 colo.si

 sales@colo.si

 **+386 64 222 724**

 [Request PRO6237 quotation](#)

COLO.SCIENCE · PRO6237 COMBINED FLUORIDE ION SELECTIVE ELECTRODE SUPPORT

Need help confirming the correct combined fluoride ISE configuration?

Send the meter model, sample matrix, expected fluoride concentration range, required method and connector/cable requirements. COLO.Science can help confirm whether PRO6237 is the correct combined fluoride ISE configuration for your laboratory workflow.

Request a quote

COLO.Science home

Open PDF datasheet

Water quality knowledge

Product identification: **PRO6237 Combined Fluoride Ion Selective Electrode** · Connector reference: BNC(Q9)

Official configuration and manufacturer-confirmed specification notice:

This technical specification is provided for orientation, product selection and general information only. It does not represent the final binding technical specification, delivered configuration, accessory set, procurement requirement or acceptance criterion for a specific unit. The final official technical specification is only the specification confirmed by the manufacturer and issued for the exact configuration through an official COLO.Science quotation, proforma invoice, contract document, order confirmation or manufacturer-approved technical offer. Any values, options, accessories, connector arrangements or configurations shown in this document must be verified for the specific delivery and should not be used as an exclusion or elimination criterion in procurement procedures without written manufacturer confirmation.