

PRO6138 • Flat pH Composite Electrode, Polycarbonate

Flat membrane • polycarbonate body • Ag/AgCl reference • fabric junction • BNC

PH 0–14 5–60 °C REFILLABLE SINGLE FABRIC JUNCTION $\Phi 12 \times 120$ MM BNC (Q9)



PRO6138 is a flat-membrane pH electrode with an unbreakable polycarbonate body for surfaces — skin, leather, paper, textile, cut food surfaces and protein-containing samples.

How it is built



PH SENSOR

Flat membrane

For surface measurement — skin, leather, paper.



BODY

Polycarbonate

Unbreakable shaft for daily handling. Not for organic solvents.



JUNCTION

Single fabric

Good permeability, stable potential, cost-effective.



CONNECTOR

BNC (Q9)

Fits pH meters with a BNC electrode input.

RANGE

pH 0 – 14

TEMPERATURE

5 – 60 °C

MAINTENANCE

Refillable, 3 M KCl

BEST FOR

Surfaces: skin, leather, paper

Why choose it

Proven reference: Ag/AgCl reference system for routine laboratory measurement.

Refillable: the reference electrolyte is topped up with 3 M KCl filling solution.

Single fabric junction: good permeability, stable potential, cost-effective.

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Technical parameters

Parameter	Specification
Model / order code	PRO6138
Electrode type	pH composite (combination) electrode
Measuring range	pH 0 – 14
Working temperature	5 – 60 °C
pH sensor	Flat glass membrane
Body material	Polycarbonate
Reference system	Ag/AgCl
Junction	Single fabric
Fill solution	3 M KCl
Temperature sensor	None
Dimensions	Φ12 × 120 mm
Connector	BNC (Q9)

Temperature compensation: the electrode has no built-in temperature sensor; use the meter's separate temperature probe or manual compensation.



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

Recommended samples

Field	Sample types • recommended
Food	Meat, fish • fruit, vegetables • paste
Pharma / biological	Plasma, gastric juice, urine • pharmaceutical formulations • protein-containing samples, enzyme solutions, agar media
Chemicals	Leather, paper, textile
Cosmetics	Skin

Ordering data

Order code: PRO6138

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

Accessories: 3 M KCl filling solution.

Choose another electrode when

Pure or low-conductivity water: use a low-conductivity or ultrapure-water electrode.

Organic solvents: use a glass-body electrode.

Above 60 °C: use an electrode specified for higher temperature.

SUPPLIER AND SUPPORT

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

QUICK CONTACT



COLO.SCIENCE • ELECTRODE SELECTION SUPPORT

Not sure this is the right electrode for your sample?

Send us the meter model, sample type, pH range and temperature — we will confirm the electrode or propose a better match from the catalogue.

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

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