

PRO6041 • Cleanable pH Composite Electrode

Polypropylene body • long-life reference • movable sleeve junction • refillable • BNC

PH 0–14 0–60 °C REFILLABLE MOVABLE PLASTIC SLEEVE $\Phi 12 \times 120$ MM BNC (Q9)



PRO6041 is a pH electrode for samples that foul an ordinary junction — emulsions, suspensions, viscous and oily products. The movable plastic sleeve opens the junction for cleaning and for a quick change of filling solution.

How it is built



PH SENSOR
Spherical bulb
General-purpose glass membrane for common solutions.



BODY
Polypropylene
Unbreakable shaft for daily handling. Not for organic solvents.



JUNCTION
Movable plastic sleeve
Easy to clean and to change the filling solution.



CONNECTOR
BNC (Q9)
Fits pH meters with a BNC electrode input.

RANGE
pH 0 – 14

TEMPERATURE
0 – 60 °C

MAINTENANCE
Refillable, 3 M KCl

BEST FOR
Viscous, oily, dirty samples

Why choose it

Stable for longer: the long-life reference keeps a steady potential over a longer service time and a wider temperature range than a plain Ag/AgCl reference.

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

Movable plastic sleeve: easy to clean and to change the filling solution.

PRO6041 • Cleanable pH Composite Electrode

Technical parameters

Parameter	Specification
Model / order code	PRO6041
Electrode type	pH composite (combination) electrode
Measuring range	pH 0 – 14
Working temperature	0 – 60 °C
pH sensor	Hemispherical glass bulb
Body material	Polypropylene
Reference system	Long-life reference
Junction	Movable plastic sleeve
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	Yogurt, cheese, butter • jam • cooking oils
Pharma / biological	Plasma, gastric juice, urine • protein-containing samples, enzyme solutions, agar media
Chemicals	Dyes, colouring agents, ink • water-based paint, varnish, coating, latex • sizing agents • bleaching liquids, rinses, plating solutions
Cosmetics	Gel, soap, shampoo, hair dye, lotion
Environmental	Municipal wastewater • high-viscosity samples • mud
Also applicable ○	Fixing and electroplating solutions <i>Service life may be affected.</i>

Ordering data

Order code: PRO6041

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

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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.

PRO6041 PRODUCT PAGE

ELECTROCHEMISTRY — OVERVIEW

ELECTRODE CATALOGUE

REQUEST QUOTE