

PRO6146 • Slender pH Composite Electrode, 6 mm

Micro bulb on a 6 mm tip • glass body • long-life reference • ceramic junction • S7

PH 0–14

0–60 °C

REFILLABLE

CERAMIC JUNCTION

Φ6×100+Φ12×60 MM

S7 – BNC (Q9)



PRO6146 is a glass pH electrode with a 6 mm slender tip and a micro spherical bulb, for small liquid volumes in microtubes, plates, micro containers and narrow tubes.

How it is built



PH SENSOR

Micro spherical bulb

Small bulb on a slender tip for small liquid volumes.



BODY

Glass

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



JUNCTION

Ceramic

Good permeability, stable potential.



CONNECTOR

S7 – BNC (Q9)

S7 head on the electrode; S7-BNC cable to the meter.

RANGE

pH 0 – 14

TEMPERATURE

0 – 60 °C

MAINTENANCE

Refillable, 3 M KCl

BEST FOR

Small volumes, narrow tubes

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.

Ceramic junction: good permeability, stable potential.

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Technical parameters

Parameter	Specification
Model / order code	PRO6146
Electrode type	pH composite (combination) electrode
Measuring range	pH 0 – 14
Working temperature	0 – 60 °C
pH sensor	Micro spherical glass bulb
Body material	Glass
Reference system	Long-life reference
Junction	Ceramic
Fill solution	3 M KCl
Temperature sensor	None
Dimensions	Φ6 × 100 + Φ12 × 60 mm
Connector	S7 – BNC (Q9)

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



BNC (Q9) on the meter side. The electrode has an S7 head; the S7–BNC cable connects it to pH meters with a BNC input.

Recommended samples

Field	Sample types • recommended
Pharma / biological	Microtubes and plates (> 50 µL), micro containers, tubes

Ordering data

Order code: PRO6146

Connector: S7 – BNC (Q9) — check the meter input before ordering.

Accessories: S7–BNC (Q9) cable, 3 M KCl filling solution.

Choose another electrode when

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