

# PRO6136 • Non-Refillable pH Composite Electrode

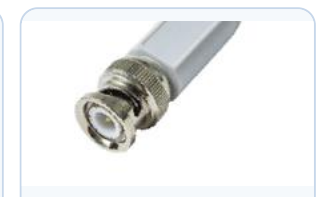
Polycarbonate body • Ag/AgCl reference • POM junction • non-refillable • BNC

PH 0–14   5–60 °C   NO REFILLING   POM JUNCTION    $\Phi 12 \times 120$  MM   BNC (Q9)



PRO6136 is the simplest electrode in the range: a sealed, non-refillable pH electrode with a polycarbonate body for routine checks of dilute aqueous samples and drinking water.

## How it is built

|                                                                                                                                                                                               |                                                                                                                                                                                                     |                                                                                                                                                                                             |                                                                                                                                                                                |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <p><b>PH SENSOR</b><br/><b>Spherical bulb</b><br/>General-purpose glass membrane for common solutions.</p> |  <p><b>BODY</b><br/><b>Polycarbonate</b><br/>Unbreakable shaft for daily handling. Not for organic solvents.</p> |  <p><b>JUNCTION</b><br/><b>POM</b><br/>Solvent-resistant junction used on non-refillable electrodes.</p> |  <p><b>CONNECTOR</b><br/><b>BNC (Q9)</b><br/>Fits pH meters with a BNC electrode input.</p> |
| <p><b>RANGE</b><br/>pH 0 – 14</p>                                                                                                                                                             | <p><b>TEMPERATURE</b><br/>5 – 60 °C</p>                                                                                                                                                             | <p><b>MAINTENANCE</b><br/>No refilling</p>                                                                                                                                                  | <p><b>BEST FOR</b><br/>Routine checks</p>                                                                                                                                      |

## Why choose it

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

**Nothing to refill:** sealed reference — rinse, store wet, measure.

**POM junction:** solvent-resistant junction used on non-refillable electrodes.

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## Technical parameters

| Parameter           | Specification                          |
|---------------------|----------------------------------------|
| Model / order code  | PRO6136                                |
| Electrode type      | pH composite (combination) electrode   |
| Measuring range     | pH 0 – 14                              |
| Working temperature | 5 – 60 °C                              |
| pH sensor           | Hemispherical glass bulb               |
| Body material       | Polycarbonate                          |
| Reference system    | Ag/AgCl                                |
| Junction            | POM                                    |
| Fill solution       | Not refillable — no electrolyte top-up |
| 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                                                                                                                                                                                                                                                                             |
|--------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Aqueous solutions</b> | Dilute acids and alkalis                                                                                                                                                                                                                                                                               |
| <b>Environmental</b>     | Tap and drinking water (approx. 100 µS/cm)                                                                                                                                                                                                                                                             |
| <b>Also applicable ○</b> | Fixing and electroplating solutions • yogurt, cheese, butter • jam • cooking oils • soy sauce, vinegar • dyes, colouring agents, ink • water-based paint, varnish, coating, latex • sizing agents • gel, soap, shampoo, hair dye, lotion • soil leachate • mud<br><i>Service life may be affected.</i> |

### Ordering data

**Order code:** PRO6136

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

**Consumables:** no filling solution required.

### 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

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#### 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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