

SOTA Industrial water plant pH Electrode

Features

- Rugged Polymer Body
- Non-fouling Porous¹ Teflon[®] Liquid Junction
- Optional Double Junction Reference Cell
- Optional Pt 100 Temperature Compensator
- Available as Platinum ORP Electrode
- Removable Protective Guard to Facilitate Cleaning
- **New** TOP68 Quick Disconnect Cable Connector.

Applications

- Industrial Use
- Research
- Field Use

Description

The SOTA Industrial combination pH electrodes feature a molded polymer body with a removable bulb protector to facilitate cleaning. The electrode features the patented porous Teflon[®] liquid junction, gel filled reference cell with controlled release KCl rings to maintain a stable reference cell potential.

The optional TOP68 quick disconnect cable system provides ease of use and the reliability of fixed cable. The TOP68 has an IP68 environmental rating, which means it's water tight and corrosion resistant, making the electrode suitable for extended measurement in damp, humid or wet conditions.

Specifications

Body Material	12mm Polymer Body
Measuring Range	0 to 14 pH
Temperature Range	-5 to 100°C (23 to 212° F) -5 to 80°C (23 to 176°F) Calomel Reference
Drift	< 2.0 mV/week
Response Time @ 25°C (77°F)	95% of reading in 5 seconds
Asymmetry Potential	7.0 pH ± 0.2 pH
Theoretical Slope	±59.16 mV / pH unit @ 25°C (77°F)
Sodium Error	< 0.05 pH in 0.1 Molar Na+ Ion @ 12.8 pH
pH Glass Bulb Impedance @ 25°C (77°F)	60 Megohms



¹ United States Patent No. 4,128,468

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