**Cole-Parmer® Self-Cleaning Flat pH and ORP Electrodes**

- Flat surface prevents buildups, while fluid flow cleans surface for longer life
- Use with most meters and controllers—BNC connector and ATC element work with a variety of units
- Double junction for difficult applications
- Choose either CPVC housing or chemical-resistant Ryton® PPS housing

**No more solid buildups**

**Flat surface prevents buildups, while fluid flow cleans surface for longer life**

**No more solid buildups**

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**Cole-Parmer® pH and ORP Electrodes with Probe Guard**

- Versatile design—threads on both ends for submersion or in-line use
- Double-junction electrodes available; resist contamination from heavy metals, organics, or AgCl reactive compounds

**Reduce bulb damage with probe guard**

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**Specifications**

**Thread size:** ¼" NPT(M)

**Insertion depth:** 1.75" (4.4 cm)

**Housing length:** 6.75" (17.1 cm)

**Temperature range:**

- CPVC: 32 to 176°F (0 to 80°C)
- Ryton PPS: 32 to 212°F (0 to 100°C)

**Maximum pressure:** 100 psi

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**Cole-Parmer® Semi-Domed Rugged pH Electrodes**

- Less chance of breakage
- Don’t worry about bulb breakage—unique design helps protect bulbs
- Eliminate electrical noise with graphite-tipped models
- Ideal for viscous or severe applications
- Reduce contamination and clogging with uniform pore size
- Choose chemical-resistant Ryton® PPS or graphite-tipped electrodes

**Less chance of breakage**

**Less chance of breakage**

**Less chance of breakage**

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**Specifications**

**Thread size:** ¼" or 1" NPT(M)

**Insertion depth:** 0.9" (2.3 cm)

**Housing length:** 5.9" (15 cm)

**Temperature range:** 32 to 230°F (0 to 110°C)

**Maximum pressure:** 150 psi