


# pH pH Laboratory Electrodes

## General-Purpose



**Cole-Parmer**  
**General-Purpose pH/ORP Electrodes**

**KEEP A SPARE**

**Our most popular combination electrodes**

- Ideal for your general-purpose applications in the lab or field

These electrodes have the impact-resistant qualities of an epoxy body. Electrodes provide a fast, stable response and are ideal for prolonged pH or ORP readings. Sealed, gel-filled design requires virtually no maintenance. Electrodes measure 127 mm L x 12 mm dia and withstand temperatures to 176°F (80°C). Feature BNC connectors.

Catalog number	Description	Price
<b>pH electrodes</b>		
<a href="#">KH-59001-65</a>	Single junction	
<a href="#">KH-59001-70</a>	Double junction	
<b>ORP electrodes</b>		
<a href="#">KH-59001-75</a>	Single junction	
<a href="#">KH-59001-77</a>	Double junction	



Compatible with most brands of pH meters!

## Cole-Parmer Epoxy-Body Combination pH and Combination ORP Electrodes

### Combines quality with durability

- Epoxy-body housing resists impact

These quality laboratory electrodes have a sealed gel reference unless otherwise noted. Electrodes with PTFE reference-junction resist coating and clogging. All electrodes include BNC connector.

**GO to ColeParmer.com**  
[ColeParmer.com/pHElectrodes](http://ColeParmer.com/pHElectrodes)  
Our Parametric Search helps you find the ideal selection FAST!

### Specifications & Ordering Information

Key	Application	Description	Maximum temperature	Length x dia (mm)	Reference cell type	Catalog number	Price	Key
<b>General-purpose electrodes</b> (model "B" includes removable bulb guard)								
<b>A</b>	General-purpose lab	Refillable reference	176°F (80°C)	148 x 12	Ag/AgCl	<a href="#">KH-05992-30</a>		<b>A</b>
<b>A</b>	Sulfides, heavy metals	Double-junction reference, refillable	176°F (80°C)	148 x 12	Ag/AgCl	<a href="#">KH-05991-12</a>		<b>A</b>
<b>B</b>	General-purpose lab and field	Rugged, with epoxy bulb guard	176°F (80°C)	148 x 12	Ag/AgCl	<a href="#">KH-05992-40</a>		<b>B</b>
<b>C</b>	Test tube sampling	Extra-long neck, slender	176°F (80°C)	220 x 6	Ag/AgCl	<a href="#">KH-05990-45</a>		<b>C</b>
<b>D</b>	Organics, proteins, metals	Calomel reference	158°F (70°C)	158 x 12	Hg/Hg <sub>2</sub> Cl <sub>2</sub>	<a href="#">KH-05990-35</a>		<b>D</b>
<b>D</b>	Organics, proteins, metals	Refillable calomel reference	158°F (70°C)	158 x 12	Hg/Hg <sub>2</sub> Cl <sub>2</sub>	<a href="#">KH-05990-95</a>		<b>D</b>
<b>E</b>	Surface or low-volume sampling (electrophoresis gels, etc.)	Flat measurement surface	176°F (80°C)	127 x 12	Ag/AgCl	<a href="#">KH-05990-65</a>		<b>E</b>
<b>E</b>	Same as "E" above but for organics also	Flat surface with calomel reference	158°F (70°C)	127 x 12	Hg/Hg <sub>2</sub> Cl <sub>2</sub>	<a href="#">KH-05990-70</a>		<b>E</b>
<b>PTFE reference-junction electrodes</b> (clog-resistant)								
<b>F</b>	Handheld meters, lab or field	Right-angle, mounts on pH meters	194°F (90°C)	140 x 12	Ag/AgCl	<a href="#">KH-05992-55</a>		<b>F</b>
<b>G</b>	Wastewater/monitor reaction progress	ORP, with platinum pin	176°F (80°C)	155 x 12	Ag/AgCl	<a href="#">KH-05990-55</a>		<b>G</b>
<b>H</b>	Surface/low-volume	Flat tip	212°F (100°C)	140 x 12	Ag/AgCl	<a href="#">KH-05993-11</a>		<b>H</b>
<b>H</b>	Aggressive chemicals	Easy to clean	212°F (100°C)	140 x 12	Ag/AgCl	<a href="#">KH-05993-12</a>		<b>H</b>
<b>I</b>	General-purpose lab	Sealed, gel-filled	221°F (105°C)	140 x 12	Ag/AgCl	<a href="#">KH-05993-25</a>		<b>I</b>
<b>I</b>		Sealed, gel-filled; coiled cable				<a href="#">KH-05993-28</a>		<b>I</b>
<b>J</b>		Refillable (order refill solution below)				<a href="#">KH-05993-45</a>		<b>J</b>

[KH-05993-26](#) Refill solution for "J" in table above, 1 qt

[KH-05983-25](#) Adapter, U.S. standard meter to BNC electrode