

Orion™ Glass and Epoxy-Body pH Electrodes

Get precision measurements of virtually any sample

– Available in a variety of styles to meet your measurement needs

Glass-Body Electrodes are ideal for laboratory use because they perform at higher temperatures and can be cleaned with common laboratory solvents. **Epoxy-Body Electrodes** are good for applications where rough handling and breakage are a problem. Combination electrodes have either refillable or sealed (gel-filled) references, and include a 3.3-ft (1-m) cable and BNC connector.

Half-Cell Electrodes must be used in conjunction with a separate reference electrode. See the table below for available models. Reference electrodes are refillable; order filling solutions separately below. Reference electrodes include a 3.3-ft (1-m) cable and pin-jack connector.



ISO9001:2008
CERTIFIED SUPPLIER

Key	Description	Reference junction	Type	Maximum temperature	Length x dia (mm)	Catalog number	Price
Glass-body combination pH electrodes							
A	Research grade	Single	Refillable	194°F (90°C)	120 x 12	GH-05712-06	
B	Research grade, semi-micro tip	Single	Refillable	194°F (90°C)	140 x 6.25	GH-05712-11	
C	Rugged bulb	Single	Refillable	194°F (90°C)	120 x 12	GH-05712-16	
D	Low resistance for viscous samples	Single	Refillable	194°F (90°C)	120 x 12	GH-05712-26	
E	For dirty samples	Double	Refillable	140°F (60°C)	120 x 12	GH-05712-32	
F	For dirty samples, semi-micro tip	Double	Refillable	194°F (90°C)	150 x 4.5	GH-05712-34	
Epoxy-body combination pH electrodes							
G	General purpose	Single	Sealed	176°F (80°C)	110 x 12	GH-05712-41	
H	General purpose, refillable	Single	Refillable	194°F (90°C)	120 x 12	GH-05712-71	
I	General purpose, semi-micro tip	Single	Sealed	176°F (80°C)	150 x 7.5	GH-05711-46	
J	Flat surface tip for surface testing	Single	Sealed	176°F (80°C)	110 x 12	GH-05711-56	
K	Extra-long neck for flasks and bottles	Single	Sealed	176°F (80°C)	305 x 8	GH-05711-51	
L	For dirty samples	Double	Sealed	140°F (60°C)	120 x 12	GH-05711-58	
Glass-body half-cell pH electrode							
M	High accuracy	—	—	194°F (90°C)	110 x 12	GH-05711-01	
Epoxy-body reference electrodes							
N	General purpose, sleeve-type	Single	Refillable	212°F (100°C)	110 x 3	GH-05710-01	
O	General purpose, sleeve-type; easy cleaning	Double	Refillable	212°F (100°C)	110 x 3	GH-05710-10	

Accessories

[GH-05730-42](#) Reference fill solution for combination electrodes. 4 M KCl with AgCl. Five 60-mL bottles

[GH-05730-38](#) Reference fill solution for electrode "N"; equitransferent. Five 60-mL bottles

[GH-05730-39](#) Inner chamber fill solution for electrode "O"; equitransferent. Five 60-mL bottles

[GH-05730-40](#) Outer chamber fill solution for electrode "O"; 10% KNO₃. Five 60-mL bottles