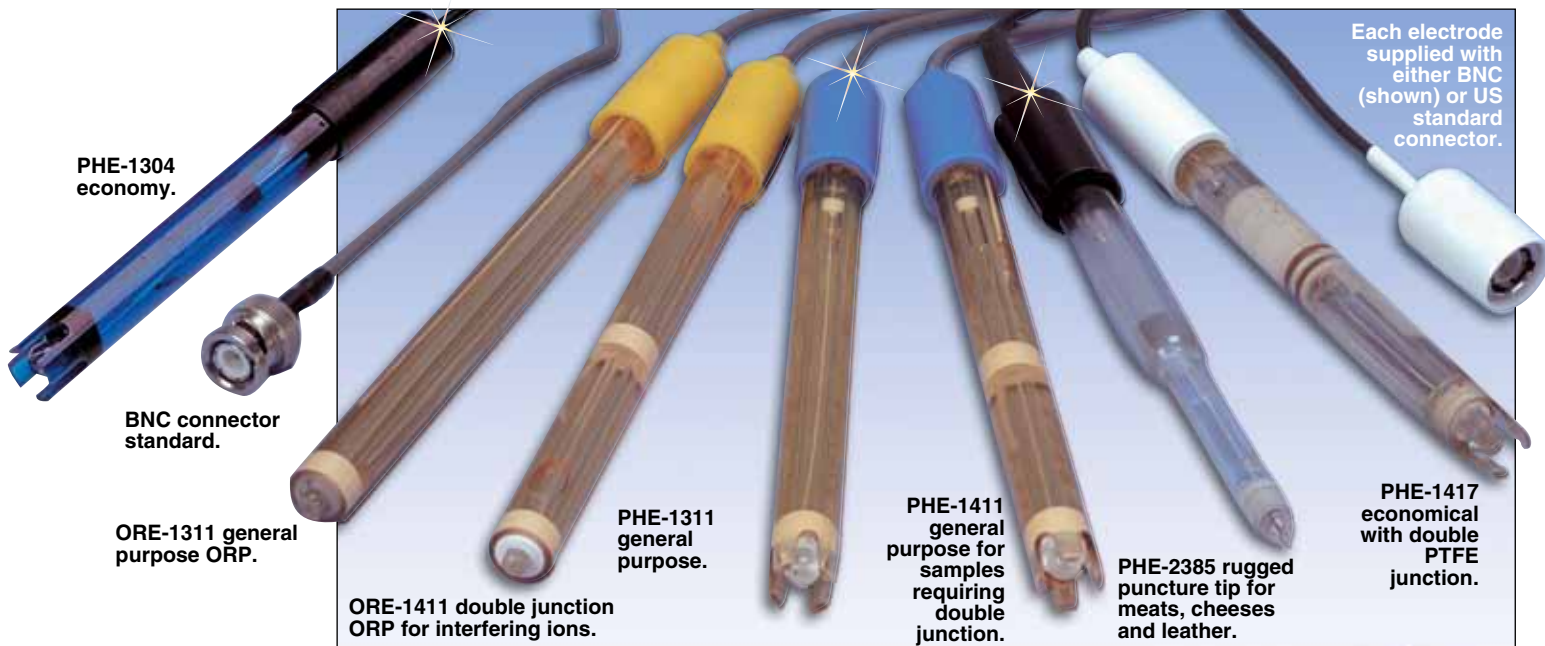




# pH FIELD & LAB ELECTRODES

## ALPHA® Series Rugged Gel-Filled Electrodes

## PHE-1311 Series



### To Order

Model No. BNC	Applications/Features	Length mm (in)	Diameter mm (in)	Temp Range °C (°F)	R @ 25°C (77°F) MΩ
PHE-1311†	Epoxy general purpose electrode with Polypropylene liquid junction	150 (5.9)	12 (0.47)	0 to 100 (32 to 212)	50 to 80
PHE-1411†	Epoxy general purpose electrode with double Polypropylene liquid junction	150 (5.9)	12.(0.47)	0 to 100 (32 to 212)	50 to 80
PHE-1332†	Epoxy test tube electrode with Polypropylene liquid junction	150 (5.9)	6 (0.24)	0 to 100 (32 to 212)	50 to 80
PHE-1432†	Epoxy test tubes for samples with double Polypropylene liquid junction	150 (5.9)	6 (0.24)	0 to 100 (32 to 212)	50 to 80
PHE-1335††	Epoxy for extra long test tubes with Annular Ceramic liquid junction	300 (12.0)	6 (0.24)	0 to 100 (32 to 212)	200
PHE-1471†	Epoxy electrode for measure of flat surfaces for samples requiring double HDPE liquid junction	150 (5.9)	12 (0.47)	0 to 100 (32 to 212)	50 to 80
PHE-2385††	Glass electrode with rugged puncture tip for meats, cheeses, fruits, and leather with Annular Ceramic liquid junction	55 (2.2)	8 (0.31)	0 to 100 (32 to 212)	150
PHE-1317††	Polyethersulfone economical electrode with removable guard and Annular PTFE liquid junction	110 (4.3)	12 (0.47)	0 to 100 (32 to 212)	60
PHE-1417†††	Polyethersulfone electrode with double Annular PTFE liquid junction	110 (4.3)	12 (0.47)	0 to 80 (32 to 176)	60
PHE-1304†††	Epoxy electrode with double Annular PTFE liquid junction	90 (3.5)	12.5 (0.49)	0 to 80 (32 to 176)	50
ORE-1311	Epoxy general purpose ORP with Polypropylene liquid junction and pH range of ±2000 mV	150 (5.9)	12 (0.47)	0 to 100 (32 to 212)	—
ORE-1411	Epoxy ORP for interfering ions such as zinc, copper, or sulfide, with double Polypropylene liquid junction with a pH range of ±2000 mV	150 (5.9)	12 (0.47)	0 to 100 (32 to 212)	—

Comes complete with 0.75 to 1 m (2.5 to 3') of cable and operator's manual. \* For US Standard connector add suffix, "-U" to model number for additional cost. Electrodes are reference type: Ag/Ag/Cl. † pH range 0 to 14, †† pH range 0 to 13, ††† pH range 0 to 12

Ordering Examples: PHE-1311, general purpose electrode with BNC.

PHE-1411-U, general purpose double junction electrode with US Standard connector.