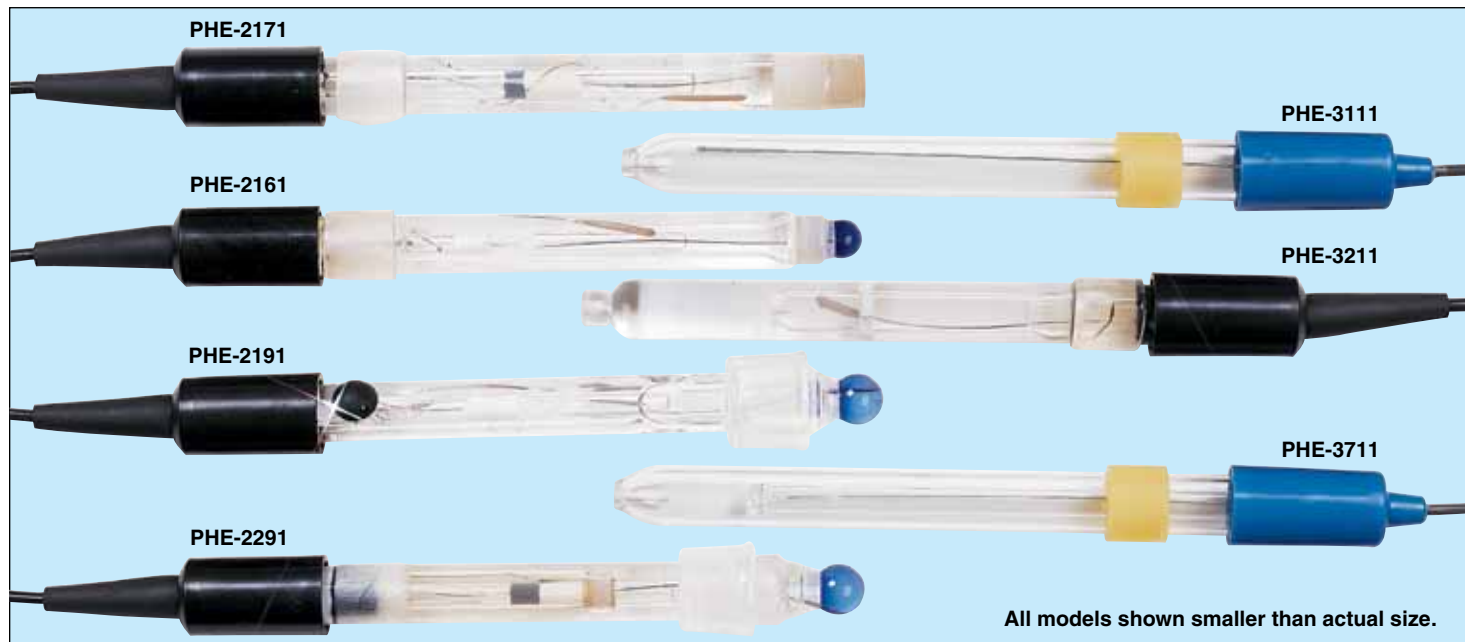




pH FIELD & LAB ELECTRODES

ALPHA® Laboratory pH Electrodes Combination Electrodes, Sensing and Reference Half Cells



To Order

Model No. BNC	Application/Features	Length mm (inch)	Diameter mm (inch)	Temp Range °C (°F)	R @ 25°C (77°F) MΩ	Reference Type
Combination Electrodes						
PHE-2171	** Refillable glass flat surface electrode with annular ceramic liquid junction for measurement of meats or agar plates	110 (4.3)	12 (0.47)	0 to 100 (32 to 212)	300	Ag/AgCl
PHE-2161	* Refillable glass electrode with annular ceramic liquid junction for soil pH measurement (includes instructions)	110 (4.3)	12 (0.47)	0 to 100 (32 to 212)	150	Ag/AgCl
PHE-2191	* Refillable glass electrode with high flow rate ceramic junction for difficult samples (slurries, emulsions, high-purity water)	110 (4.3)	14 (0.55)	0 to 110 (32 to 230)	100	Ag/AgCl
PHE-2291	* Refillable glass electrode with ceramic high double junction flow rate	110 (4.3)	14 (0.55)	0 to 110 (32 to 230)	100	Ag/AgCl
Reference Half Cells						
PHE-3711	Refillable glass electrode with ceramic double junction reference half cell	150 (5.9)	12 (0.47)	0 to 100 (32 to 212)	–	Ag/AgCl Double
PHE-3111	Refillable glass electrode with ceramic junction general purpose reference half cell	150 (5.9)	12 (0.47)	0 to 100 (32 to 212)	–	Ag/AgCl Ceramic
PHE-3211	Refillable glass electrode with ceramic double junction reference half cell with 10% KNO ₃ salt bridge	110 (4.3)	12 (0.47)	0 to 100 (32 to 212)	–	Ag/AgCl Double
PHE-3217	Refillable epoxy electrode with PTFE double junction reference for difficult or dirty solutions	127 (5.0)	12 (0.47)	0 to 100 (32 to 212)	–	Ag/AgCl Double

Comes complete with 0.75 to 1 m (2.5 to 3') of cable and electrode care operator's manual.

For US standard connector add suffix, "-U" to model number for additional cost.

* pH range 0 to 13

** pH range 0 to 12

Ordering Examples: PHE-3111, general purpose reference half cell with BNC.

PHE-3217-U, PTFE double junction reference cell with US Standard connector.