



# pH FIELD & LAB ELECTRODES

## Clear Epoxy-Bodied, Gel-Filled Combination ALPHA® Electrodes

BNC  
connector  
standard.

### PHE-4201



PHE-4232  
semi-micro.

PHE-4201  
general-purpose.

All models  
shown smaller  
than actual size.

PHE-4272  
flat surface  
double  
junction.

PHE-4222  
flask size.

PHE-4202  
double  
junction.

- ✓ Five Electrode Styles
- ✓ Covers Entire 0 to 14 pH Range
- ✓ Clear Epoxy Body Construction
- ✓ Fast Responding: 95% in Less than 1 Second
- ✓ Comes with OMEGA Quality Certificate

#### Certificate of Quality

This electrode has been manufactured to the most stringent quality control standards. It has been shipped in a special soaker/storage bottle to ensure its quality.

Your electrode has been 100% inspected prior to shipment and meets or exceeds all factory performance specifications.



PHH-830, portable  
pH/mV/ORP  
and temperature  
meter with RS232.

OMEGA Engineering is pleased to offer a complete line of laboratory pH electrodes. The PHE-4200 Series consists of gel-filled, combination pH electrodes with a unique clear epoxy body design. With five electrode styles to choose from, you're sure to find one suitable for your application.

OMEGA® PHE-4200 Series electrodes offer reliable quality at a reasonable cost. The electrodes measure the entire pH range from 0 to 14 pH units at 0 to 100°C (32 to 212°F) and feature an Ag/AgCl reference and polypropylene liquid junction. Each electrode comes in a soaker storage bottle to keep the electrode moist and ready for use. Shelf life is guaranteed for one year, and the provided OMEGA quality certificate assures that these electrodes meet the most stringent quality control requirements.

### To Order

Model No.	Description	Length mm (inch)	Dia. mm (inch)	R (25°C) MΩ
PHE-4201	General purpose	150 (6)	12 (0.47)	50 to 80
PHE-4202	Double junction	150 (6)	12 (0.47)	50 to 80
PHE-4222	Flask size	300 (12)	9.5 (0.37)	50 to 80
PHE-4272	Flat surface double junction	150 (6)	12 (0.47)	50 to 80
PHE-4232	Semi-micro	150 (6)	6 (0.24)	50 to 80
PHA-D1	500 ml (1 pint) bottle deionized water			

All electrodes come complete with 750 mm (2.5') of cable, BNC connector and electrode care instruction sheet.

Ordering Examples: PHE-4201, general purpose electrode.  
PHE-4202, double junction electrode.