



INDUSTRIAL pH INSTRUMENTATION & ELECTRONICS

Triple-Junction pH Electrode

PHE-5433-10
\$195



The PHE-5433-10 electrode is housed in a robust, chemically resistant Ryton® body. Its triple junction reference cell of varying electrolytes and configurations constitutes an unpenetrable barrier that protects the reference half-cell. This design permits extended periods of pH measurements in the presence of sulfides or other silver complexing ions.

- ✓ Chemical Resistant Body
- ✓ Extended pH Measurement
- ✓ Steam Sterilization
- ✓ Triple Junction

Applications

- ✓ High-Temperature Environment
- ✓ Continuous Processing Applications
- ✓ Harsh Conditions
- ✓ Steam Sterilization

Specifications

pH Range: 0 to 14
Temperature Range: -5 to 135°C (25 to 275°F)
Pressure: 500 psig @ 25°C (77°F)
Accuracy: ±0.1% over full range
Insertion Length: 135 mm (5.3")
Reference Cell: Triple-junction, KCl/AgCl, 3M KCl
Reference Junction: Porous PTFE
Wetted Materials: Ryton®, PTFE, glass
Drift: Less than 2 mV per week

PHE-5433-10 pH electrode, \$195, shown with PHCN-371A-ORP pH monitor/recorder, \$1450, visit omega.com/phcn370



AVAILABLE FOR FAST DELIVERY!

To Order (Specify Model Number)

Model No.	Price	Price with ATC	Description
PHE-5433-10-(*)	\$195	\$235	Ultimate triple junction pH electrode

* Specify ATC Sensor: "-PT100" for 100 Ω platinum RTD or "-PT1K" for 1000 Ω platinum RTD. To order with high pH glass, add suffix "-HPH" to model number, and add \$30 to price.
Note: PHEH-51PG (25 mm port gland) fitting is required for first-time installation. Comes complete operator's manual.
Ordering Example: PHE-5433-10-PT100, ultimate triple-junction pH electrode, and PHEH-51PG (25 mm port gland), \$235 + 270 = \$505.



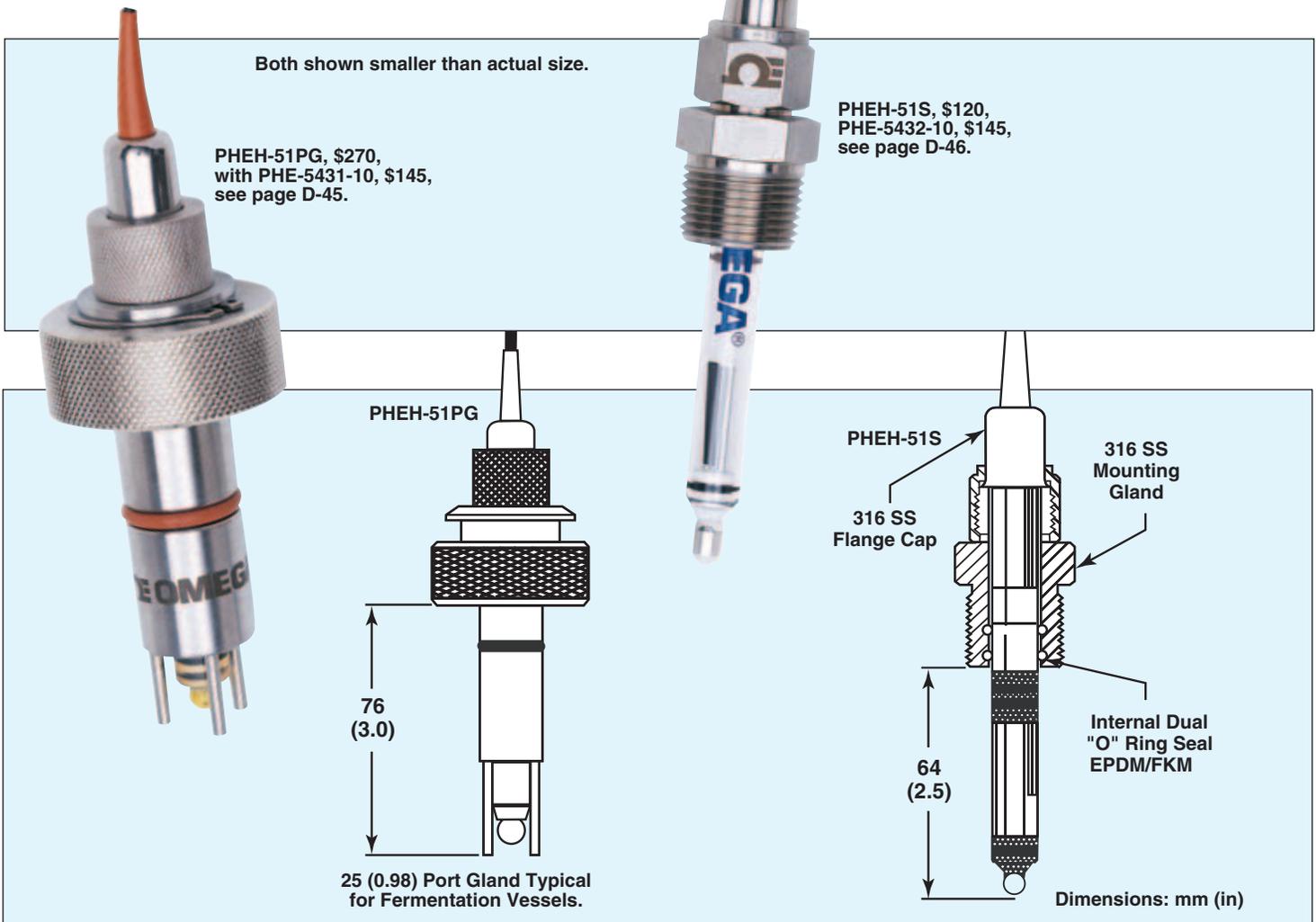
Installation Guide

Fittings for 12 mm Electrodes to Facilitate Universal Installations

Both shown smaller than actual size.

PHEH-51PG, \$270,
with PHE-5431-10, \$145,
see page D-45.

PHEH-51S, \$120,
PHE-5432-10, \$145,
see page D-46.



Fittings Selection Guide

MOST POPULAR MODEL HIGHLIGHTED!

Model No.	Price	Description
PHEH-51	\$120	1/2 MNPT, 316 SS
PHEH-51S	120	3/4 MNPT, 316 SS
PHEH-52	138	1 MNPT, 316 SS
PHEH-51PG	270	25 mm port gland, 316 SS

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• Heaters

Band Heaters, Cartridge Heaters, Circulation Heaters, Comfort Heaters, Controllers, Meters and Switching Devices, Flexible Heaters, General Test and Measurement Instruments, Heater Hook-up Wire, Heating Cable Systems, Immersion Heaters, Process Air and Duct, Heaters, Radiant Heaters, Strip Heaters, Tubular Heaters