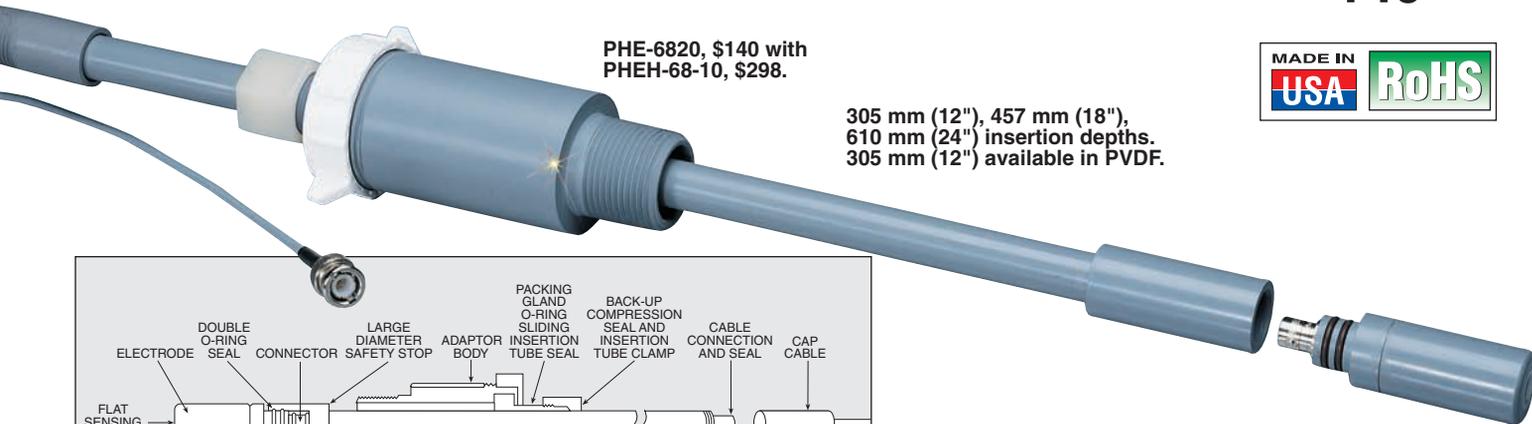




INDUSTRIAL pH INSTRUMENTATION & ELECTRODES

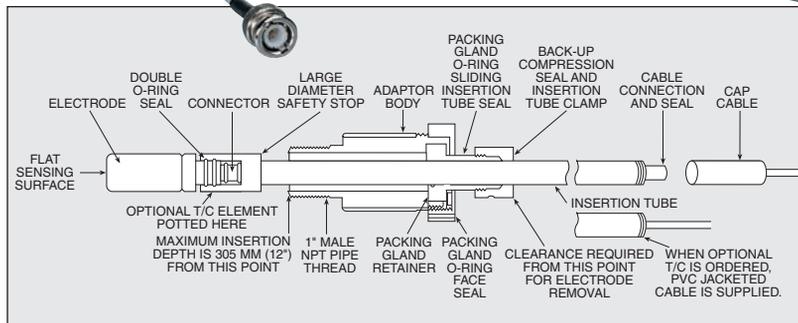
Retractable Flat Surface pH/ORP Electrodes for Insertion into Tanks and Main Lines

PHE-6820
\$140



PHE-6820, \$140 with
PHEH-68-10, \$298.

305 mm (12"), 457 mm (18"),
610 mm (24") insertion depths.
305 mm (12") available in PVDF.



Mounting assembly comes with 3 m (10') cable with BNC connector plus instruction sheet.

- ✓ Can Be Installed in Any Direction
- ✓ Retractable Design Allows Removal Without System Shutdown
- ✓ Detachable Electrode for Easy Maintenance and Removal

The PHE-6820 electrode and assembly features a retractable design for insertion into tanks and main lines. The assembly, when used with a 1" full port or larger ball valve (user supplied), allows the electrode to be removed without shutting the system down. This electrode can be mounted in any location, even up through the bottom of a tank with the electrode surface facing upward. Its unique design affords mounting in any direction and is suitable for most systems' inherent design.

The flat surface design minimizes fouling and coating and eliminates electrode breakage. Turbulent flow across the electrode surface results in a scrubbing action that keeps the electrode clean. The flat surface electrode is specifically designed for difficult applications such as oily waste water, emulsions, lime slurries, and flocculants.

Maximum Temperature

Standard Models: 65°C (150°F)

"-ACRYL" Units: 87°C (190°F) CPVC body
100°C (212°F) PVDF body

Mounting Assembly: CPVC or PVDF, with FKM O-Rings; 1 MNPT Pipe thread.

Available Options:

"-ACRYL" Acrylamide gel, \$30 additional

"-HF" Fluoride resistant, \$50 additional

"-LC" Low conductivity, \$30 additional

"-GL" Ground loop, \$158 additional

See page D-34 for option compatibility.

Electrodes

 MOST POPULAR MODELS HIGHLIGHTED!

To Order (Specify Model Number)

Model No.	Price	Description
PHE-6820	\$140	pH electrode, CPVC
PHE-6821	254	pH electrode, PVDF
ORE-6820	164	ORP electrode, CPVC
ORE-6821	284	ORP electrode, PVDF

Mounting Assemblies — Required for Installation

PHEH-68-10	\$298	305 mm (12") CPVC without ATC
PHEH-68K-10	506	305 mm (12") PVDF without ATC
PHEH-68-10-(*)	363	305 mm (12") CPVC with ATC
PHEH-68K-10-(*)	573	305 mm (12") PVDF with ATC
PHEH-6820	361	457 mm (18") CPVC without ATC
PHEH-6830	380	610 mm (24") CPVC without ATC

Note: Temperature compensation is not required with ORP electrodes.

Order electrode and mounting assemblies separately. Materials of construction must be the same.

Mounting Assemblies come with 3 m (10') cable with BNC connector. Cable lengths available up to 15 m (50') Add \$2.00 per extra foot. Consult Engineering for ordering information.

* Specify ATC Sensor

Order Code	Description
PT100	100 Ω Pt RTD
PT1K	1000 Ω Pt RTD
TH700	Series 700 Thermistor
R3K	3000 Ω Balco

Ordering Examples: PHE-6820 CPVC pH electrode and PHEH-68-20 CPVC mounting assembly with 6 m (20') cable, \$140 + 298 + [2 x (20-10)] = \$458.

PHE-6821 PVDF pH electrode and PHEH-68-10-PT100 mounting assembly with 100 Ω Pt RTD ATC, \$254 + 573 = \$827.

See Page D-34 for additional specifications and available options.

NOTE: At the time of initial purchase, please order both electrode and mounting assembly. Mounting assembly includes insertion assembly and cable. If ordered with automatic temperature compensation (ATC), the temperature compensator is built into the insertion assembly. When electrode has expired, simply re-order electrode.

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