

# Replacement Electrodes



## Replacement Electrodes for Beckman Systems

- ✓ High Quality Replacements
- ✓ Pressure Range of 0 to 150 PSIG
- ✓ Temperature Range -5 to 100°C

These electrodes are designed for use in Beckman Series Three Chambers. All units have been engineered as improved replacements using the same configurations as the original equipment. The “reference” electrodes are suitable for low to high temperature service from 0 to 14 pH and the reference design features the Porous PTFE liquid junction.



To Order (Specify Model Number)			
Model No.	Price	Replaces	Description
PHRE-B1	\$220	B-19036	Double junction reference electrode
PHRE-B2	135	B-19501	pH replacement electrode
PHRE-B3	135	B-19590	Thermocompensator (PT100) electrode

Ordering Example: PHRE-B1, double junction reference electrode, \$200.

## Replacement Electrodes for Beckman Systems

### Specifications

pH Range: 0 to 14 pH

Temperature Range: -5 to +105°C (23 to 221°F)

Max. Pressure: 100 psi

Speed of Response: 95% efficient in 5 seconds

Internal Element: Silver-Silver Chloride

The replacement electrodes are designed to fit the Series 222 pH sensor. These use an industrially proven “process” pH glass for accurate full-range measurement. The reference electrode kit consists of a Porous PTFE reference junction and 500 ml of KCl-AgCl gelled electrolyte. The electrodes have dramatically improved the service life of the sensor in many applications.



To Order (Specify Model Number)			
Model No.	Price	Replaces	Description
PHRE-S1	\$150	712233-1	REDOX electrode
PHRE-S2	145	712233-2	High pH electrode
PHRE-S3	145	712233-3	High temperature pH electrode
PHRE-S4	130	712233-4	General purpose pH electrode

Ordering Example: PHRE-S1, REDOX electrode, \$150.

# omega.co.uk<sup>®</sup>

Your One-Stop Source for Process Measurement and Control!

Freephone 0800 488 488 | International +44(0) 161 777 6622 | Fax +44(0) 161 777 6622 | Sales@omega.co.uk

[www.omega.co.uk](http://www.omega.co.uk)



#### UNITED STATES

[www.omega.com](http://www.omega.com)

1-800-TC-OMEGA  
Stamford, CT.

#### UNITED KINGDOM

[www.omega.co.uk](http://www.omega.co.uk)

Manchester, England  
0800-488-488  
+44-(0)161-777-6611

#### CANADA

[www.omega.ca](http://www.omega.ca)

Laval(Quebec)  
1-800-TC-OMEGA

#### FRANCE

[www.omega.fr](http://www.omega.fr)

0800-466-342

#### GERMANY

[www.omega.de](http://www.omega.de)

Deckenfronn, Germany  
0800-8266342

#### BENELUX

[www.omega.nl](http://www.omega.nl)

0800-099-33-44



## More than 100,000 Products Available!

### • Temperature

Calibrators, Connectors, General Test and Measurement Instruments, Handheld Instruments for Temperature Measurement, Ice Point References, Indicating Labels, Crayons, Cements and Lacquers, Infrared Temperature Measurement Instruments, Recorders, Relative Humidity Measurement Instruments, PT100 Probes, PT100 Elements, Temperature & Process Meters, Timers and Counters, Temperature and Process Controllers and Power Switching Devices, Thermistor Elements, Probes and Assemblies, Thermocouples, Thermowells and Head and Well Assemblies, Transmitters, Thermocouple Wire, RTD Probes

### • Flow and Level

Air Velocity Indicators, Doppler Flowmeters, Level Measurement, Magnetic Flowmeters, Mass Flowmeters, Pitot Tubes, Pumps, Rotameters, Turbine and Paddle Wheel Flowmeters, Ultrasonic Flowmeters, Valves, Variable Area Flowmeters, Vortex Shedding Flowmeters

### • pH and Conductivity

Conductivity Instrumentation, Dissolved Oxygen Instrumentation, Environmental Instrumentation, pH Electrodes and Instruments, Water and Soil Analysis Instrumentation

### • Data Acquisition

Communication Products and Converters, Data Acquisition and Analysis Software, Data Loggers Plug-in Cards, Signal Conditioners, USB, RS232, RS485, Ethernet and Parallel Port Data Acquisition Systems, Wireless Transmitters and Receivers

### • Pressure, Strain and Force

Displacement Transducers, Dynamic Measurement Force Sensors, Instrumentation for Pressure and Strain Measurements, Load Cells, Pressure Gauges, Pressure Reference Section, Pressure Switches, Pressure Transducers, Proximity Transducers, Regulators, Pressure Transmitters, Strain Gauges, Torque Transducers, Valves

### • 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