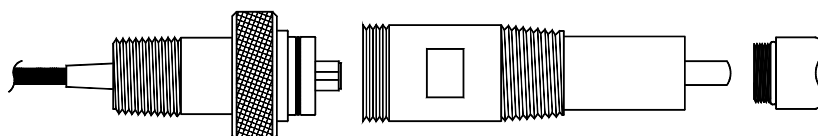


# GLI®, QUANTUM® & HACH® REPLACEMENTS

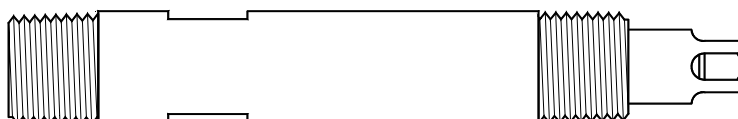
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6103 GLENMONT • HOUSTON, TEXAS • 77081  
800/522-7920 • FAX 713/772-4671 • 713/772-6641  
www.VL-PC.com



461 Differential pH



3/4" MPT Conventional pH  
V-4000

- **Improved Life and Performance**  
Van London-Phoenix Co. electrode designs have been field proven in a variety of harsh applications and when manufactured with our *Solid Polymer Reference™* fill the life of the electrode is prolonged and the overall performance of the electrode is enhanced.
- **Quick Order Turn-around**  
An inventory stocking arrangement reduces lead times from weeks to days. Housed electrodes generally consist of two parts: a 12mm glass-bodied electrode and a housing machined to accept that electrode. Minimal factory assembly is required before shipment to the customer site.
- **Custom Styles**  
Housings can be machined from numerous materials with several electrode guard designs and various insertion depths. Custom electrode designs can maximize sensor in harsh environments.
- **Easy, Low Cost Replacement**  
Direct replacements are dimensionally matched to existing equipment so that no expensive retrofit changes are necessary. Simple, quick removal of the replacement element for Van London-Phoenix Co. standardization is all that is required.

## ELECTRODE SELECTION:

**Measurement Types:** GXV - Multi-purpose pH glass formulation (0-14.00 pH)  
Platinum Band - For ORP measurement (Gold optional)  
Antimony - For pH measurements in Hydrofluoric Acid applications  
(2.00-7.00 pH) (0-80 °C)

**Reference Types:** SPR™ - Double junction, **SOLID POLYMER REFERENCE** (0-130°C)  
Tuff-Tip™ - New design incorporating larger reference junction surface area & electrode guard.  
LCJ - Dramatically increases the reference junction surface area. Standard material is ceramic but porous Teflon and porous Kynar are available.

- Call with Great Lakes part numbers for cross-reference to Van London-Phoenix Co. equivalents.
- Build your own Part Numbers first determine the electrode replacement, style required, and then replace the X's, Z's & Q's with selections listed in the drop down menu

**458P - Z - XX - QQ                      Preamp Assembly**

- |   |   |
- |   |   **Connector Type**
- |   |   SL Spade Lugs
- |   |   H Hanked (Tinned)
- |   |
- |   **Lead Length**
- |   Specify lead length in even feet
- |
- Preamp Section**
- 0 No Preamp
- 5 (Conventional)
- G (Differential / 5 Wire)

**Electrode Selection**

- 461 - Z X                                      : Differential pH/5 Wire Sensor/1" MPT Kynar™ housing**
- V-900 - Z X 10H                            : Conventional pH/1" MPT Kynar™ housing**

- |   |
- |   **Measuring Electrode Options**
- |   0 ORP
- |   V pH
- |
- |   **Temperature Compensation (z)**
- B   PT 100
- 1   3K Balco
- 7   NTC 300

<b><u>ACCESSORIES:</u></b>	
3600105	Reducer, Kynar™ 1 1/2" x 1"
9210082	Differential Refill Solution
1602100	461 Reference Junction

**ELECTRODE SOLUTIONS**

- 9210038            4.00pH, 7.00pH and Deionized Water rinse (1 pint each)
- 9210037            4.00pH, 7.00pH and 10.00pH (1 pint each)
- 9210039            7.00pH, 10.00pH and Deionized Water rinse (1 pint each)
- 9210079            Anti-fouling solution to reduce electrode-coating problems
- 9210008-125      Electrode storage solution KCl/4.00 pH buffer (125 ml)

**Eutech Instruments for pH, ORP Conductivity, Resistivity & TDS:**

- pH 2000            Controller (PI & on/off)
- pH 800            Controller (on/off)
- pH 200            Controller (on/off)
- pH 500            Transmitter



Please contact our Asia Pacific distributor:

**H2O Rx**

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 info@h2orx.com.au  
[www.h2orx.com.au](http://www.h2orx.com.au)