GLI®, QUANTUM® & HACH® REPLACEMENTS

2/07

VAN LONDON pHoenix Co.
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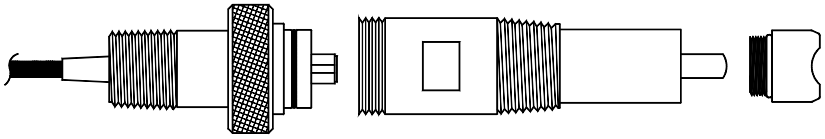
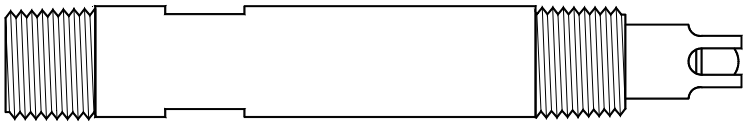


461 Differential pH



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.

- ***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.

- ***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.

- ***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 10 H : 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

ACCESSORIES:

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

FOR ADDITIONAL PRODUCT INFORMATION,
CALL 713/772-6641 OR 800/522-7920
E-mail: sales@VL-PC.com
www.VL-PC.com