Van London

AN AlpHa MEASUREMENT SOLUTIONS BRAND

Product Portfolio & Capabilities

Twistlock & Threaded Electrodes

- pH, ORP, ISE, Conductivity Available
- GX5 Glass 0-14 Range
- Solid Polymer Reference
- Tuff Tip
- Teflon Junction
- Chemical Resistant
- Fast Response
- Low Cost Replacements
- Safe Operation
- Easy Cleaning

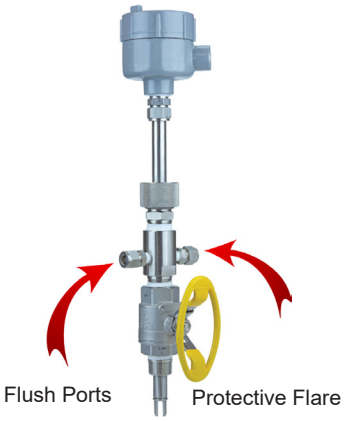
Twistlock electrodes can be installed anywhere a 3/4" or 1" threaded housing is installed. Simply install a Twistlock adapter into the pipe tee or fitting.

Hot Tap & Retractable Assemblies

Mark 7 assemblies can be safely removed and replaced under pressure without process shutdown. Unique placement of the electrode O-rings seals the electrode from leaking, even in the event of breakage.

The junction box houses all electrical connections so that the analyzer may be located in a friendly environment.

Hot Tap: For continuous pH and ORP monitoring in pressurized vessel or lines.



Total/Free Chlorine Electrodes

Optical Dissolved Oxygen

Chlorine & DO Output Options Include: 4-20 mA Output, 0-5 Volts, and New RS485 Digital Output

Chlorine electrodes are an excellent choice for continuous measurement of residual chlorine (free or total) in swimming pools, spas, industrial applications, or dirty/colored samples where colorimetric methods are inadequate.

Optical DO probe offers the latest optical technology for all a variety of continuous measurement applications.

10540 Rockley Road • Houston, TX 77099 info@alpha-measure.com **www.alpha-measure.com**

ION Selective Electrodes (ISE)

Over 20 measurement options including mono or combination, sealed or refillable, rebuildable sensing tips, flushable reference junctions and specialized reference electrodes to minimize interference.

- Ammonium
- Ammonia
- Bromide
- Cadmium
- Calcium
- Carbon Dioxode
- Chloride
- Copper
- Cyanide
- Fluoride
- Fluoroborate
- Iodide
- Lead
- Nitrate
- Nitrogen Oxide
- Perchlorate
- Potassium
- Silver/Sulfide
- Sodium
- Surfactant
- Water Hardness

ANDalyze

Disposable color-coded sensors designed for specific heavy metal targets.

The fluorescence of the reaction is measured to determine the toxicity of the target heavy metal and is reported in parts per billion (ppb).

Available Sensors:

- Lead
- Copper
- Zinc
- Uranium
- Mercury
- Cadmium

- Simple, One Button Push for On-site, Detection and Analysis of Heavy Metals in Water
- Less than 2 Minutes to Test Result
- Highly Sensitive and Selective
- Capability to Re-sample Quickly
- No Harmful Reagents, Environmentally Friendly

Analyzers

Single or dual channel transmitter designed for the continuous measurement of pH, ORP, ISE, Dissolved Oxygen, and Conductivity in a general purpose industrial environment.

- Multiple Mounting Configurations: Pipe or Wall Mount
- Simple Menu Structure: Intuitive, Easy to Navigate and Configure
- 4-20 mA output with MODBUS RTU and Alarm Relays: Flexible Configurations for all Applications

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GX5 Glass

AlpHa's pH Combination GX5 technology is useful in all types of pH samples whether very acidic, very basic, or neutral in pH. Extremes of pH and particularly hot caustic solution, make the average pH electrode unpredictable and unreliable.

Our GX5 technology virtually eliminates slow response, drift, and accuracy problems commonly found when using normal pH electrodes under extreme pH conditions.

GX5 technology features a unique pH glass formula to guarantee pH accuracy and stability at any pH between 0 and 14. The sample pH is registered in less than 20 seconds, the result is correct to within 0.02 pH units, and the pH value stays constant at any given pH.

Why AlpHa?

AlpHa Measurement Solutions has a combination of four e-chem leaders: **Analytical Sensors & Instruments (ASI), Aurora Scientific Instruments (Aurora), Van London Co**, and **pHoenix Electrode Company**

We have more than 100,000 ft² of manufacturing space across facilities in USA and China consisting of in-house chemistry labs, glass blowing, machine shops, cable/wire assembly, sensor/electrode assembly, electronic assembly and quality control as a multi-source supplier with business continuity assured through redundancy across operations. We also offer in-house injection molding and tooling/mold making.

Turn-key product development leveraging a global R&D/NPD team of PhD chemists, mechanical engineers, and electrical engineers.

AlpHa MEASUREMENT SOLUTIONS | ASI Analytical Sensors & Instruments | Van London | Aurora Scientific Instruments | ANDalyze

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