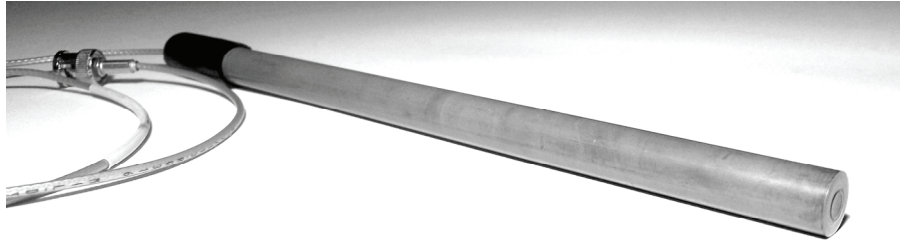




Brochure

United Science OEM Ion Selective Electrodes product lines offers electrodes that utilize fluorous selective ionophore membranes. Teflon/Teflon AF Composite Fluorous membrane electrodes provide for large selectivity improvements, greater

measuring ranges, and lower limits of detection compared to non-fluorous electrodes. These electrodes are optimal for a variety of applications including laboratory, wastewater, food, mining, biological, high purity water, soil, blood, electrolytes, and clinical analysis.



Sensor Examples

H⁺, Na⁺, K⁺, PFOA/PFOS, NH₄⁺, Cl⁻, CO₂, Ca⁺⁺, F⁻, CN⁻, NO₃⁻, xanthate

Key Benefits

- Greater Fouling Resistance
- No Glass
- No Breakage
- Higher Selectivity
- Larger Measuring Range
- Lower Limits of Detection

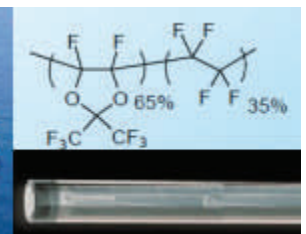


OEM Services

- Custom Materials & Sizes
- Custom Packaging & Label
- Third Tier Applications Support

Custom Options

Ion Type	We can custom design an electrode for your ion sensing application. Gas or Liquid.
Spatial	Distributed, wireless, imbedded
Transduction	Optical, potentiometric, colorimetric, fluorescence
Array	Ask us how to get extreme selectivity.
On-line	Handheld, bench top, or process amenable
Form Factor	Solid carbon or noble metal contacts



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