



Preliminary Data Sheet

United Science is proud to offer a limited opportunity to purchase prototype xanthate ion selective electrodes (ISE) for testing in your laboratory. The xanthate ion selective electrodes utilize completely fluoruous selective membranes that provide selective response to xanthate in solutions and slurries. These electrodes respond to a wide range of xanthate concentration and have a lower limits of detection of approximately 1 μM . These electrodes can be calibrated on any xanthate ion.

Key Benefits

- Measure titration curve for xanthate.
- Measure in the froth or slurry.
- Fouling Resist Teflon Design
- No Glass, No Breakage
- Highly Selective
- Low Maintenance

Key Applications

- Process control
- Process development
- Laboratory
- Process Troubleshooting

Description

- Body Material: Kel-f
- Working Electrode: Ag/AgCl
- Reference Electrode: Ag/AgCl
- Junctions: Double Junction

Specifications	
Concentration Range	$-6 < \text{pX} < 1$
Temperature Range	25 °C
Reproducibility	+/- 5%
Length	120 mm
Diameter	12 mm
Cable Length	1 m



Ordering Information

9000-3001	High performance Teflon pXAN electrode kit with waterproof BNC connector and 1 m cable. Includes 5 membrane cartridges, 1 XAN electrode, and a 60 mL bottle of electrode filling solution.	Inquire
9000-3002	Handheld meter.	Inquire

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