

## ISE: Bromide

A Bromide Ion Selective Electrode sensor specifically designed to measure 0.4ppm to 79,900 ppm ( $5 \times 10^{-6}$  M to 1M) concentrations of Bromide.

Applications include, but not limited to: Water, Wine, Soil and Plant Tissue, Blood Electrolytes/Clinical Analysis.



<b>Model #</b>	BRO1502
<b>Slope</b>	57 + / - 3 mV/decade
<b>Reproducibility</b>	+ / - 2%
<b>Interferences</b>	S-2, I-1, CN-1
<b>Complexation</b>	Heavy metals
<b>Temperature Range</b>	0 to 80° C (if calibrated at that temperature)
<b>Pressure Range</b>	0 to 70 psi
<b>Response Time</b>	95% response in 30 seconds
<b>Storage</b>	Long term, store dry Short term, store in dilute bromide standard
<b>Concentration Range</b>	5 x 10 <sup>-6</sup> M to 1M 0.4 ppm to 79,900 ppm
<b>pH Range</b>	2 to 14 pH
<b>Resistance</b>	< 1 megaohm
<b>Care, Maintenance &amp; Cleaning</b>	Polish with polishing strips Treat with a dilute ISA
<b>Temperature Compensation</b>	Not recommended
<b>Isopotential Point</b>	50,000 ppm Bromide
<b>On-Line Capability</b>	Yes
<b>Applications</b>	Water, Wine, Soil and Plant Tissue, Blood Electrolytes/Clinical Analysis