



Ion Selective Electrodes and Solution Kits

Ion Selective Electrodes (ISE)

OAKTON has a large selection of ISE to suit a wide variety of applications. Each electrode has a typical response time of 20 to 30 seconds but will vary with solution concentration. Gas sensing electrodes also include replacement membranes. OAKTON offers three electrode types: Membrane/Solid State. Gas Sensing, and Glass bulb.

Solution Kits

Be sure to select both the electrode and solution kit to complete your measurement system. Solution kits contain the solutions and accessories needed for calibration, sample preparation and measurement of ion



concentration and activity. All solutions are supplied with MSDS (Material Safety Data Sheet) and have a value of 1000 ppm. Make serial dilutions for lower values using the OAKTON ISE labware kit WD-35613-60.

Ordering Information

ISE / PRICE	ELECTRODES			SOLUTIONS			
	Epoxy body single junction	Epoxy body double junction	Glass body double junction	Single junction solution kit	Double junction solution kit	Replacement calibration standard	Replacement ISA
Ammonia NH ₃	WD-35802-00	--	--	WD-35802-50	--	WD-35803-01	WD-35803-50
Ammonium NH ₄ ⁺	WD-35802-02	WD-35812-02	WD-35802-03	WD-35802-52	WD-35802-53	--	WD-35803-53
Bromide Br ⁻	WD-35802-04	WD-35812-04	WD-35802-05	WD-35802-54	WD-35802-55	WD-35803-03	WD-35803-51
Cadmium Cd ⁺²	WD-35802-06	WD-35812-06	WD-35802-07	WD-35802-56	WD-35802-57	--	WD-35803-51
Calcium Ca ⁺²	WD-35802-08	WD-35812-08	WD-35802-09	WD-35802-58	WD-35802-59	WD-35803-05	WD-35803-52
Carbon Dioxide CO ₂ Carbonate CO ₃ ⁻²	WD-35802-10	--	--	WD-35802-60	--	WD-35803-07	WD-35803-55
Chloride Cl ⁻	WD-35802-12	WD-35812-12	WD-35802-13	WD-35802-62	WD-35802-63	WD-35803-09	WD-35803-51
Copper Cu ⁺²	WD-35802-14	WD-35812-14	WD-35802-15	WD-35802-64	WD-35802-65	WD-35803-11	WD-35803-51
Cyanide CN ⁻	WD-35802-16	WD-35812-16	WD-35802-17			--	WD-35803-50
Fluoride F ⁻	WD-35802-18	WD-35812-18	WD-35802-19	WD-35802-68	WD-35802-69	WD-35803-13	WD-35803-58
Fluoroborate BF ₄ ⁻	WD-35802-20	WD-35812-20	WD-35802-21	WD-35802-70	WD-35802-71	WD-35803-15	WD-35803-60
Iodide I ⁻	WD-35802-22	WD-35812-22	WD-35802-23	WD-35802-72	WD-35802-73	WD-35803-17	WD-35803-51
Lead Pb ⁺²	WD-35802-24	WD-35812-24	WD-35802-25	WD-35802-74	WD-35802-75	WD-35803-20	WD-35803-56
Nitrate NO ₃ ⁻	WD-35802-30	WD-35812-30	WD-35802-31	WD-35802-78	WD-35802-79	WD-35803-24	WD-35803-60
Nitrogen Oxide NO _x	WD-35802-32	--	--	WD-35802-82	--	WD-35803-26	WD-35803-57
Perchlorate ClO ₄ ⁻	WD-35802-34	WD-35812-34	WD-35802-35	WD-35802-84	WD-35802-85	WD-35803-28	WD-35803-60
Potassium K ⁺	WD-35802-38	WD-35812-38	WD-35802-39	WD-35802-88	WD-35802-89	WD-35803-30	WD-35803-53
Silver/Sulfide Ag ⁺ /S ⁻²	WD-35802-40	WD-35812-40	WD-35802-41	WD-35802-90	WD-35802-91	WD-35803-32	WD-35803-51
Sodium Na ⁺	WD-35802-42	WD-35812-42	WD-35802-43	WD-35802-92	WD-35802-93	WD-35803-34	WD-35803-54
Surfactant X ⁺ , X ⁻	WD-35802-44	WD-35812-44	WD-35802-45	WD-35802-94	WD-35802-95	WD-35803-35	WD-35803-59
Water hardness Ca ⁺² , Mg ⁺²	WD-35802-48	WD-35812-48	WD-35802-49	WD-35802-98	WD-35802-99	WD-35803-05	WD-35803-52