



Species	Cat. No.	Construction	Measurement Range	Optimum Temperature Range	Required Reference Electrode	Reference Filling Solution	Calibration Standards	Required ISA
Fluoroborate (BF₄⁻)	9305BN ²	Plastic membrane half-cell	7 x 10 ⁻⁶ to 1.0 M 0.6 to 86,800 ppm	0 to 40 °C	900200	900002 inner / dilute ISA outer	Consult user guide	930711
Iodide (I⁻) ionplus Design	9653BNWP ¹	ionplus [®] sure-flow [®] solid state combination	5 x 10 ⁻⁶ to 1.0 M 5 x 10 ³ to 127,000 ppm	0 to 80 °C	Included	900063	0.1 M NaI / 945306	940011
Iodide (I⁻)	9453BN ² 9453SC ³	Solid state half-cell	5 x 10 ⁻⁶ to 1.0 M 5 x 10 ³ to 127,000 ppm	0 to 80 °C	900200	900002 inner / 900003 outer	0.1 M Na / 945306	940011
Lead (Pb²⁺) ionplus Design	9682BNWP ¹	ionplus sure-flow solid state combination	1 x 10 ⁻⁶ to 0.1 M 0.2 to 20,700 ppm	0 to 80 °C	Included	900062	0.1 M Pb(ClO ₄) ₂ / 948206 0.1 M Na ₂ SO ₄ / 948207	Consult instruction manual
Lead (Pb²⁺)	9482BN ² 9482SC ³	Solid state half-cell	1 x 10 ⁻⁶ to 0.1 M 0.2 to 20,700 ppm	0 to 80 °C	900200	900002 inner / 900003 outer	0.1 M Pb(ClO ₄) ₂ / 948206 0.1 M Na ₂ SO ₄ / 948207	Consult instruction manual
Nitrate (NO₃⁻) ionplus Design	9707BNWP ¹	ionplus sure-flow plastic membrane combination	7 x 10 ⁻⁶ to 1.0 M 0.1 to 14,000 ppm as N	0 to 40 °C	Included	900046	0.1 M NaNO ₃ / 920706 1000 ppm N / 920707 100 ppm N / 930707	930711 or 930710 / nitrate ISS
Nitrate (NO₃⁻)	9307BNWP ¹	Plastic membrane half-cell	7 x 10 ⁻⁶ to 1.0 M 0.1 to 14,000 ppm as N	0 to 40 °C	900200	900002 inner / 900046 or ISA outer	0.1 M NaNO ₃ / 920706 1000 ppm N / 920707 100 ppm N / 930707	930711 or 930710 / nitrate ISS
Potassium (K⁺) ionplus Design	9719BNWP ¹	ionplus sure-flow plastic membrane combination	1 x 10 ⁻⁶ to 1.0 M 0.04 to 39,000 ppm	0 to 40 °C	Included	900065	0.1 M KCl / 921906	931911
Potassium (K⁺)	9319BN ²	Plastic membrane half-cell	1 x 10 ⁻⁶ to 1.0 M 0.04 to 39,000 ppm	0 to 40 °C	900200	900002 inner / dilute ISA outer	0.1 M KCl / 921906	931911
Silver/Sulfide (Ag⁺/S²⁻) ionplus Design	9616BNWP ¹	ionplus sure-flow solid state combination	1 x 10 ⁻⁷ to 1.0 M 0.01 to 107,900 ppm as Ag ⁺ 0.003 to 32,100 ppm as S ²⁻	0 to 80 °C	Included	900062 for Ag ⁺ /S ²⁻ 900067 for Ag ⁺ 900061 for S ²⁻	Consult user guide	940011 for Ag ⁺ 941609 for S ²⁻ ⚠
Silver/Sulfide (Ag⁺/S²⁻)	9416BN ² 9416SC ³	Solid state half-cell	1 x 10 ⁻⁷ to 1.0 M 0.01 to 107,900 ppm as Ag ⁺ 0.003 to 32,100 ppm as S ²⁻	0 to 80 °C	900200	900002 inner / 900003 outer	Consult user guide	940011 for Ag ⁺ 941609 for S ²⁻ ⚠
Sodium (Na⁺)	8611BNWP ¹	ROSS [®] sure-flow combination	1 x 10 ⁻⁶ M to saturated 0.02 ppm to saturated	0 to 100 °C	Included	900010 or 900012 for low level Na ⁺	10 ppm Na ⁺ / 941105 100 ppm Na ⁺ / 941107 1000 ppm Na ⁺ / 841108 KA standard kit, 1 M NaCl with ISA / 650700 0.1 M NaCl / 941706	841111 841113 / reconditioning solution
Sodium (Na⁺)	8411BN ²	ROSS half-cell	1 x 10 ⁻⁶ M to saturated 0.02 ppm to saturated	0 to 100 °C	800300 or 800500U	900010 or 900012 for low level Na ⁺	10 ppm Na ⁺ / 941105 100 ppm Na ⁺ / 941107 1000 ppm Na ⁺ / 841108 KA standard kit, 1 M NaCl with ISA / 650700 0.1 M NaCl / 941706	841111 841113 / reconditioning solution
Sodium (Na⁺)	9811BN ²	Micro combination	1 x 10 ⁻⁶ M to saturated 0.02 ppm to saturated	0 to 80 °C	Included	900004	0.1 M NaCl / 941706	841111
Surfactant	9342BN ²	Plastic membrane half-cell	Endpoint indicator	0 to 40 °C	900200	900002 inner / 810007 outer	0.5 M Hyamine titrant / 654201	654203 / sample additive
Thiocyanate (SCN⁻)	9458BN ²	Solid state half-cell	5 x 10 ⁻⁶ to 1.0 M 0.29 to 58,100 ppm	0 to 50 °C	900200	900002 inner / 900003 outer	Consult user guide	940011



Key Information

- 1** BNC Waterproof Connector **2** BNC Connector
- 3** Screw Cap Connector, requires separate cable
- 8** Module only, requires separate 93 series electrode handle (9300BNWP or 9300SC)
- All cap diameters are 16 mm at bottom of cap
- All cable lengths are 1 meter

