

Ion Selective Electrode

Features

- Combination ion selective electrode
- No reference electrode needed
- Solid state sensors Ideal for unskilled operatives



Specifications

Model	Ion	Limits (ppm)	Interferences	pH Range	Operating Temperature
ISE-NH4	Ammonium	0.1...18000	Ca^{2+} , Na^+ , K^+	2...7	5...50°C/41...122°F
ISE-Br	Bromide	0.4...81000	I^- , S^{2-} , CN^- , Cl^-	1...12	5...50°C/41...122°F
ISE-Cd	Cadmium	0.1...11200	Cu^{2+} , Hg^{2+} , Ag^+	3...7	5...50°C/41...122°F
ISE-Ca	Calcium	0.02...40100	Ba^{2+} , Cu^{2+} , Sr^{2+}	3.5...11	5...50°C/41...122°F
ISE-Cl	Chloride	1...35000	I^- , Br^- , CN^- , S^{2-}	1...12	5...50°C/41...122°F
ISE-Cu	Copper	0.06...6400	Hg^{2+} , Ag^+ , S^{2-}	2...7	5...50°C/41...122°F
ISE-CN	Cyanide	0.03...260	I^- , Br^- , S^{2-}	11...13	5...50°C/41...122°F
ISE-F	Fluoride	0.02...1900	OH^-	4...8	5...50°C/41...122°F
ISE-I	Iodide	0.06...127000	S^{2-} , CN^-	2...12	5...50°C/41...122°F
ISE-Pb	Lead	0.2...20800	Hg^{2+} , Ag^+ , Cu^{2+}	3...7	5...50°C/41...122°F
ISE-NO3	Nitrate	0.4...62000	Cl^- , NO^{2-}	2...11	5...50°C/41...122°F
ISE-K	Potassium	0.04...39000	Cs^+ , NH_4^+	1...9	5...50°C/41...122°F
ISE-Ag	Silver	0.01...107900	Hg^{2+}	1...9	5...50°C/41...122°F
ISE-Na	Sodium	0.002...69000	Ag^+ , Li^+ , K^+ , Ti^+	9...12	5...50°C/41...122°F
ISE-S	Sulfide	0.003...32000	Hg^{2+} , Ag^+	13...14	5...50°C/41...122°F
ISE-NH3	Ammonia	0.01...17000	Hydrazine	11...13	5...50°C/41...122°F

Water Hardness Electrode

Features

- Combination water hardness electrode
- No filling solution required
- Long lifetime



Specifications

Model	ISE-WH
Concentration	0.05...200mmol/L
pH Range	2...11
Operating Temperature	5...50°C/41...122°F
Interferences	Ba^{2+} , Cd^{2+} , Cu^{2+}
Cable Length	1 m
Connector	BNC