

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	5~80°C, 41~176°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	1m
Connector	BNC