

## 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 <sup>2+</sup> , Na <sup>+</sup> , K <sup>+</sup>	2~7	5~50°C, 41~122°F
ISE-Br	Bromide	0.4~81000	I <sup>-</sup> , S <sup>2-</sup> , CN <sup>-</sup> , Cl <sup>-</sup>	1~12	5~50°C, 41~122°F
ISE-Cd	Cadmium	0.1~11200	Cu <sup>2+</sup> , Hg <sup>2+</sup> , Ag <sup>+</sup>	3~7	5~50°C, 41~122°F
ISE-Ca	Calcium	0.02~40100	Ba <sup>2+</sup> , Cu <sup>2+</sup> , Sr <sup>2+</sup>	3.5~11	5~50°C, 41~122°F
ISE-Cl	Chloride	1~35000	I <sup>-</sup> , Br <sup>-</sup> , CN <sup>-</sup> , S <sup>2-</sup>	1~12	5~50°C, 41~122°F
ISE-Cu	Copper	0.06~6400	Hg <sup>2+</sup> , Ag <sup>+</sup> , S <sup>2-</sup>	2~7	5~50°C, 41~122°F
ISE-CN	Cyanide	0.03~260	I <sup>-</sup> , Br <sup>-</sup> , S <sup>2-</sup>	11~13	5~50°C, 41~122°F
ISE-F	Fluoride	0.02~1900	OH <sup>-</sup>	4~8	5~50°C, 41~122°F
ISE-I	Iodide	0.06~127000	S <sup>2-</sup> , CN <sup>-</sup>	2~12	5~50°C, 41~122°F
ISE-Pb	Lead	0.2~20800	Hg <sup>2+</sup> , Ag <sup>+</sup> , Cu <sup>2+</sup>	3~7	5~50°C, 41~122°F
ISE-NO3	Nitrate	0.4~62000	Cl <sup>-</sup> , NO <sup>2-</sup>	2~11	5~50°C, 41~122°F
ISE-K	Potassium	0.04~39000	Cs <sup>+</sup> , NH <sub>4</sub> <sup>+</sup>	1~9	5~50°C, 41~122°F
ISE-Ag	Silver	0.01~107900	Hg <sup>2+</sup>	1~9	5~50°C, 41~122°F
ISE-Na	Sodium	0.002~69000	Ag <sup>+</sup> , Li <sup>+</sup> , K <sup>+</sup> , Ti <sup>+</sup>	9~12	5~80°C, 41~176°F
ISE-S	Sulfide	0.003~32000	Hg <sup>2+</sup> , Ag <sup>+</sup>	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 <sup>2+</sup> , Cd <sup>2+</sup> , Cu <sup>2+</sup>
Cable Length	1m
Connector	BNC