



## Ag/AgCl Reference Electrode

The silver/silver chloride reference electrode is used to measure the potential of seawater structures and concrete structures. The inside of the electrode is composed of silver powder/silver, silver nitrate, hydrochloric acid, and silver chloride. The reference electrode can be exposed to seawater or immersed in a silver chloride solution contained in a gas cylinder. There is a porous plug at the bottom.

Portable silver/silver chloride reference electrode for temporary measurement of structure-environment potential; stationary silver/silver chloride reference electrode for long-term structure-environment potential detection.

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## FEATURES

- ▶ Easy installation, strong reliability and excellent anti-interference performance.
- ▶ Small size, light weight, stable performance and strong corrosion resistance.
- ▶ The electrode potential is stable.
- ▶ The sintering process is adopted to overcome the disadvantages such as easy falling off and short life of the pressed electrode.
- ▶ Customizable according to customer needs.

## PARAMETERS

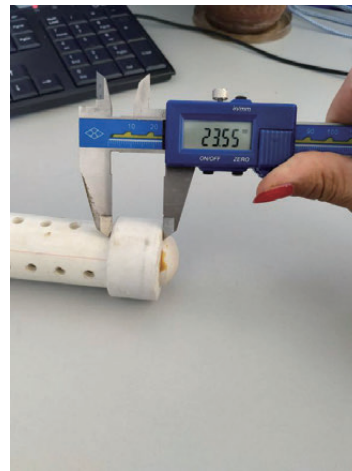
Life	≥20 years
Operating Temperature	0-55°C
Potential Stability	Potential Drift ≤ ±10mV
Electrode Impedance	≤100kΩ



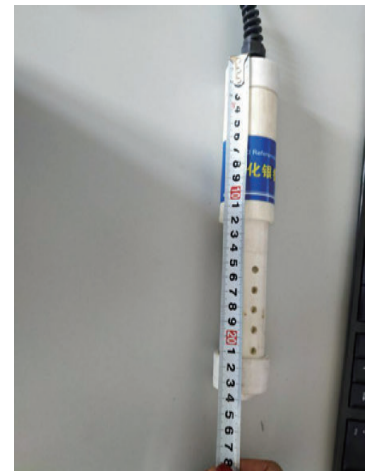
Head Diameter



Body Diameter



Head Thickness



Length

# SPECIFICATIONS

Model	YX-SSC-1	YX-SSC-2	YX-SSC-3
Type	Portable	Disc	Probe
Size	φ25mm 150mm Length	φ40mm 150mm Length	Φ19mm 75mm Effective Length
Shell Material	High Impact Strength ABS	High Impact Strength ABS	Stainless Steel
Potential Stability	±5 mV at 0.3 mA	±5 mV at 0.3 mA	±5 mV at 0.3 mA
Water Tightness	/	196kPa water pressure ≥15min	196kPa water pressure ≥15min
Insulation	/	Resistance > 1MΩ	Resistance > 1MΩ
Lifes	/	20 years	20 years
Recommended Environment	Seawater, Concrete	Seawater, Concrete	Inner Wall of Sea Water Pipeline