



## Zinc Reference Electrode

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Zinc has a relatively stable potential and is also used as a reference electrode. However, due to changes in the environment, the potential of zinc will also change, especially in carbon or high temperature environments, it becomes unstable. The high-purity zinc reference electrode uses 99.995% highpurity zinc. It is a stationary type for long-term monitoring of structural potential in most environments.

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## FEATURES

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- ▶ The potential is stable and reliable.
- ▶ Good conductivity, low resistance to water.
- ▶ Sturdy and not easy to damage.
- ▶ Ensure that the electrical insulation performance is qualified.
- ▶ Strong corrosion resistance and long service life.
- ▶ Simple installation, convenient replacement and maintenance.
- ▶ Customizable according to customer needs.

## PARAMETERS

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<b>Life</b>	≥30 years
<b>Operating Temperature</b>	0-55°C
<b>Potential Stability</b>	Potential Drift $\leq\pm 10\text{mV}$
<b>Electrode Potential</b>	-940mV (25°C, vs, SHE)

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# SPECIFICATIONS

Model	YX-ZRE-1	YX-ZRE-2	YX-ZRE-3
Type	Buried	Disk	Probe
Size	φ100mm 300mm Length	φ100mm 300mm Length	Φ19mm 25mm Effective Length
Shell Material	Cotton Bag with Backfill	ABS	Stainless Steel
Potential Stability	±15 mV at 0.3 mA	±15 mV at 0.3 mA	±15 mV at 0.3 mA
Water Tightness	/	196kPa water pressure ≥15min	196kPa water pressure ≥15min
Insulation	/	Resistance > 1MΩ	Resistance > 1MΩ
Lifespan	30 years	30 years	30 years
Recommended Environment	Soil	Seawater, Fresh Water	Seawater, Fresh Water