

Zinc Reference Electrode

The zinc reference electrode is a critical component in the cathodic protection (CP) field, used to monitor and control the corrosion protection of metallic structures, especially in environments where they are exposed to moisture, salt, or other corrosive agents (Typically for offshore platform, vessel, tank etc).

■ PRODUCT SPECIFICATIONS

Enclosure: $\Phi 60 \times 80\text{mm}$

Enclosure Material: PVC

Core: Pure Zinc Dia.50mm $\times$ 200mm

Solution: None-Solution

Application: Sea water environment

Cable: Typical 5m of 1 $\times$ 6mm² PVC cable

Life: >20 years



Chemical composition						
Element	Al	Cd	Fe	Pb	Cu	Zn
Content(%)	0.005max	0.003max	0.0014max	0.003max	0.002max	Remainer

Electrochemical properties			
Open voltage(-V)	Closed voltage(-V)	Capacity(A.h/kg)	Efficiency(%)
1.10min	1.05min	740min	90min