

Maintenance-Free Cu/CuSO₄ Reference Electrode

The Maintenance-Free Cu/CuSO₄ Reference Electrode is an advanced device designed to provide reliable and accurate measurements in various electrochemical applications without the need for regular upkeep. This electrode is particularly suited for cathodic protection and corrosion monitoring systems. It represents a significant advancement in electrochemical measurement technology, offering durability, ease of use, and exceptional accuracy for effective corrosion monitoring and cathodic protection.

KEY FEATURES

1. Fully solid-state structure - Leak proof
2. No need to replace copper sulfate solution
3. More stable electrodes and higher accuracy
4. Easy connection with clamp test cable
5. Environmental friendly

PRODUCT SPECIFICATIONS

Dimension: Φ20×98mm or Φ32×128mm

Weight: Approx. 200g

Core: Copper ≥99.5%

Accuracy: ≤±5mV @0.3mA input

Body: PVC

Cable: 1×2.5 mm² PVC cable with alligator clamp

APPLICATION STEPS

1. Remove the protective cap.
2. Soak the reference electrode in water for about 5 minutes.
3. Place the reference electrode near the object. If the soil is dry, water the surrounding soil.
4. Connect the positive terminal of the multimeter to the test object and the negative one to the reference electrode.
5. Set the multimeter to the DC voltage measurement.

