

# Refine<sup>±</sup>

## Reference Electrodes

SINCE 1950 CATHODIC PROTECTION CO LTD HAS BEEN DESIGNING, MANUFACTURING, SUPPLYING AND INSTALLING REFERENCE ELECTRODES WORLDWIDE IN ALL AREAS OF CATHODIC PROTECTION INCLUDING:

- CIPS & DCVG surveys
- Steel in concrete
- Harbours, jetties & offshore
- Pipelines, power stations
- Ships & FPSOs
- Storage tanks & vessels
- Industrial plant

The quality of our products is paramount - we have a dedicated UK manufacturing facility with stringent Q/A and test procedures applied. Every Refine<sup>TM</sup> cell you buy is given a unique ID number and provided with an individual test and calibration certificate. Our commitment to ongoing research and development of products is at the heart of the company's philosophy.



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### JR1 & JR2 PORTABLE CU/CUSO4 REFERENCE ELECTRODE FOR USE ON SOIL

Whether you are surveying in the desert, monitoring in the field or testing in the laboratory, the Refine™ JR series of portable reference electrodes offer a reliable, rugged and accurate device that never lets you down.



### CU3 PERMANENT Cu/CuSO4 REFERENCE ELECTRODE FOR MULTIPLE APPLICATIONS

The Refine™ CU3 "Side Sensor" is the most advanced under tank cell available on the market today and the result of over 65 years of experience and many thousands of hours of research and development. The unique side reading body, ion trap and element are designed to give market leading accuracy, stability and performance levels



### AG2 Ag/AgCl PORTABLE/PERMANENT REFERENCE ELECTRODE FOR USE IN SEA WATER

The Refine™ AG2 Ag/AgCl portable or permanent reference electrode is designed for long life offshore jetty and harbour inspection work. The permanent version can be supplied with various fittings to suit specific mounting hardware to enable jetty or subsea installation.



### AG4 PERMANENT Ag/AgCl REFERENCE ELECTRODE FOR CONCRETE APPLICATIONS

The Refine™ AG4 Reference Electrode is a permanent reference cell designed for concrete applications. Applications include steel re-bar in concrete, steel framed buildings and buried steel structures in a concrete environment.



### ZN5 PERMANENT ZINC REFERENCE ELECTRODE FOR THROUGH HULL OR TANK APPLICATIONS

The Refine™ AG4 Reference Electrode is a permanent reference cell designed for concrete applications. Applications include steel re-bar in concrete, steel framed buildings and buried steel structures in a concrete environment.



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