

# JR1 & JR2 Portable Cu/CuSO<sub>4</sub> Reference Electrode

## APPLICATION

The Refine™ range of JR1 & JR2 Portable reference electrodes is used on land. 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. Precision engineered to work with all existing field equipment on the market today, and with a range of tips and choice of gel or solution fill.

### MATERIAL SPECIFICATION

Electrode Element	High Conductivity Copper to HD HC C101 specification
Electrode Media	CuSO Crystals or Specially formulated CUSO Gel
Body	End Caps, Actetal Homopolymer. Tubular cell Thermoplastic Polycarbonate resin
Conductive Tip	Specially formulated Ceramics

### PERFORMANCE DETAILS

Operating Life	Indefinite when following manufacturer's specifications
Shelf Life	Indefinite when following manufacture's recommendations
Stability	+ or - 5mV at 5µA
Temperature Range	0 - 75° C (32 - 167° F)

### DIMENSIONAL DATA

Electrode Body Diameter	36 mm (1.4") over the cap
Electrode Body Length	180 mm (7") without cable tail
Nominal Weight	160 grams (5.6oz) excluding electrode media

### CABLE TAILS

Standard Specification	N/A
You Specify	Cable tail fitted to your requirements
You Fit	Your cable tail crimp connection must have 6mm (1/4") palm hole

