

JR3 Portable Wide Body Cu/CuSO₄ Reference Electrode

APPLICATION

The Refine™ JR3 portable reference electrode offers a reliable, rugged and accurate device that never lets you down. Precision engineered to work particularly on pavements, concrete, dry sand, frozen soil etc, the JR3 is used where a little more surface contact is needed.

MATERIAL SPECIFICATION

Electrode Element	High Conductivity Copper to HD HC C101 specification needs to be above the line
Electrode Media	CuSO Crystals or Specially formulated CUSO Gel
Body	End Caps, Actetal Homopolymer. Tubular cell Thermoplastic Polycarbonate resin
Conductive ip	Formulated High Temperature Fired 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 - 60° C (32 - 140° F)

DIMENSIONAL DATA

Electrode Body Diameter	80 mm (3.2")
Electrode Body Length	150 mm (5.9") without cable tail
Nominal Weight	450 grams (15.87oz) excluding electrode media

CABLE TAILS

Standard Specification	80mm (3.2")
You Specify	Cable tail fitted to your requirements
You Fit	Your cable tail crimp connection must have 6mm (1/4") palm hole

