

RefineTM ±

Reference Electrodes



PORTABLE CuCuSO_4 REFERENCE ELECTRODES JR3

The RefineTM "JR" series of portable reference cells offer a reliable, rugged and accurate product that never lets you down.. Precision engineered to work particularly well on pavements, dry sand, frozen soil etc The "JR3" is for that job where you need a little more surface contact .A choice of gel or solution fill is available .

Let "JR" do the hard work for you.....



“ Designed with
potential in mind

”

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Materials Specification :

Electrode Element	High conductivity copper to HD HC C101 to BS EN 133/62
Electrode Media	CuSO_4 crystals mixed with distilled water or gelatine charge
Body	End caps: acetal homopolymer Tubular cell container: thermoplastic polycarbonate resin
Conductive Tip	Specially formulated ceramic

Performance Details :

Operating Life	Indefinite, with correct handling
Shelf Life	Indefinite, under correct storage conditions
Temperature Range	0 – 60 °C (32 – 140 °F)

Dimensional Data :

Electrode Body Diameter	70 mm (2.76")
Electrode Body Length	150 mm (5.9") without cable tail
Nominal Weight	450 grammes (15.87 oz) without electrode media

Cable Tails :

Standard Specification	1 x 2.5 mm ² (14 AWG) EPR/CSP, stranded Cu conductor 5 m long
You Specify	Cable tail fitted to your requirements
You Fit	Your cable tail crimp connector must have 6 mm (0.25") palm hole

Additional Information:

Select JR3 cell when taking measurements on hard surfaces such as tarmac and concrete. Best results obtained where surface is wetted and a temporary wetted sponge is placed and fitted over the ceramic tip of the cell.

The JR3 electrode should be calibrated on a regular basis to ensure accuracy and the media should be replenished when spent.