



## M-Cal Probe Simulator



**MINKON M-Cal is a compact and portable instrument designed for rapid checks on the operation and accuracy of equipment used for temperature measurement, thermal analysis and oxygen analysis in the molten metals industry. Automatic cold junction compensation ensures that at the press of a switch a signal is produced to simulate the output of a dip thermocouple, carbon or oxygen measurement.**

### Features:

- Available with integral connector to suit application or generic connector with interchangeable flying for maximum practicality.
- Simulates the output of a temperature dip, carbon or oxygen probe for an instant test on measurement instrumentation and system.
- Robust aluminum case for strength and durability.
- Automatic 'cold junction' compensation to simplify operation.
- Dual output or multi range allows testing over the instruments complete range.
- Timer function allows 30 sec output to assist fault finding.
- M-Cal's can be manufactured to customer requirements. (i.e. special ranges, connectors, external leads or direct mV output)

Technical Specification:

Outputs available: R, S, B, K and mV  
Accuracy: +/- 0.1%  
Ambient Temp Range: -15 to +40 C