

# Expendable Multi-Use Thermocouples



## Description

Expendable high temperature thermocouples used in the temperature measurement of liquid metals.

These multi-use thermocouples are available in type R, S & B and are commonly used in the temperature measurement of ferrous and non-ferrous molten metals. They are constructed to withstand multiple cycles into liquid metal in slag free conditions before being disposed of after use or degradation.

Designed for use with the digital portable pyrometer (DPP) or other digital instrumentation, the thermocouple is placed over a connector or contact block which is connected to the instrumentation using extension cable. When peak stable temperature is reached, it is displayed on the instrument and the operator withdraws the thermocouple from the melt.



## Specification

Product	Expendable Multi-Use Thermocouples
Type	R, S and B
Temp Range	0 to 1800°C
Overall Length	240mm
Anti-Splash Length	90mm or 140mm
Internal Diameter	17mm
Material	Cardboard tube with refractory fibre anti-splash sleeve and Quartz™ tube
Part Number	MAEXP

## Features

- High temperature measurement
- Disposable after use
- 240mm overall with anti-splash coating
- Multiple temperature measurements
- Thermocouple protected by Quartz™ glass

## Application

- For use with digital portable pyrometer (DPP)
- Compatible with expendable thermocouple connectors
- Ferrous and non-ferrous molten metals

## Help & Advice

Our friendly sales team are here to help, offering expert advice



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