



## Description

The KWIK-TIP is a fast response thermocouple designed to measure the temperature of non-ferrous molten metals.

These plug-in Nickel Chromium/Nickel Aluminium type 'K' thermocouples are often used to measure the temperature of molten metal in transit or in a ladle. They are low-cost and expendable after use typically lasting between 3 and 10 cycles into molten metal, with a response time of 10 seconds or less.

Immersion per tip is dependent on the type of metal and the slag conditions but typically we would expect approximately 10 dips into molten aluminium down to 3 dips into phosphor bronze.

Designed for use with a digital pyrometer (DPP), existing instruments can be adapted for use with the KWIK-TIP, alternatively we can supply the complete system.



## Specification

Product	Kwik-Tips
Type	'K' thermocouple
Temp Range	0 - 1350°C
Length 1	300mm or 600mm or to order
Accuracy	± 3°C or ± 0.75%
Material	Nickel Chromium/Nickel Aluminium
Termination	Plug-in hooks for use with a digital pyrometer
Part Number	MAKTI

## Features

- Supplied in 300mm or 600mm lengths as standard
- Fast response
- Designed for use with non-ferrous metals
- Low-cost and expendable after use
- For use with a digital pyrometer or other instrumentation

## Application

- Molten aluminium
- Yellow metals
- Molten metal in transit



For more information visit:

[sterlingsensors.co.uk](http://sterlingsensors.co.uk)