

# MD-K MULTI-DIP TYPE-K THERMOCOUPLE

## DESCRIPTION

SYSCON Sensors Multi-Dip Type-K (MD-K) thermocouple is a high precision, non-splash probe, ideal for all furnaces and ladles when melting lower temperature metals and alloys. The Type-K tip is very long lasting – remaining reliable and accurate over hundreds of dips. The MD-K is available in various lengths and can be securely mounted on lances used with the SYSCON Sensors TS-1 Handheld or WM-1 Wall-Mount Digital Pyrometers.

The Multi-Dip thermocouple tip is designed for foundries, continuous casting tundish, runners, furnace, ladle, and vacuum-melting operations. It meets clean melt requirements and does not contaminate metal.

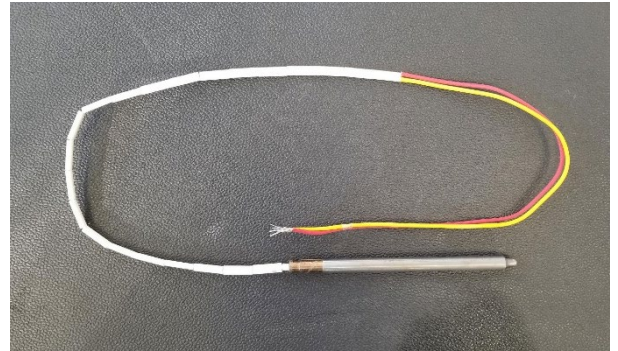
## FEATURES

- ▣ Suited for wide range of non-ferrous molten metals including Brass, Bronze, Aluminum, Copper, Gold and Silver
- ▣ Durable, long-lasting, and versatile
- ▣ Non-splash probe designed for safety
- ▣ Rugged thermocouple with fast response time
- ▣ Ideal for various measurement locations: ladle, furnace, tundish, and metal stream
- ▣ Compatible with lances for SYSCON Sensors TS-1 Handheld and WM-1 Wall-Mount Digital Pyrometers



### Technical Specifications

Thermocouple Type	Type K
Thermocouple Accuracy	±0.75%
Thermocouple Diameter	0.513 inch – 13mm
Calibration Standard	IPTS 68
Recommended Temperature Range	400°F - 2462°F 205°C - 1350°C



### Ordering Information

MD-K-XX-WW	Multi-Dip thermocouple tip, Type-K XX: tip length: 8", 12", 15", 18" WW: lance wire length: 31", 43", 55", 72"
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### You've Been Using Our Products Since 1975!

SYSCON International, Inc. has manufactured molten metal temperature measuring and thermal analysis systems for a major private-label customer since 1975. Additional SYSCON Sensors products include:

- ▣ TS-1 Handheld Digital Pyrometer
- ▣ WM-1 Wall-Mount Digital Pyrometer
- ▣ FL-1 Ferrolab Thermal Analysis System
- ▣ Single & Multi-Use Thermocouple Tips
- ▣ Sampling Cups
- ▣ Steel Samplers
- ▣ Repair, Replacement Parts, & Calibration Services