

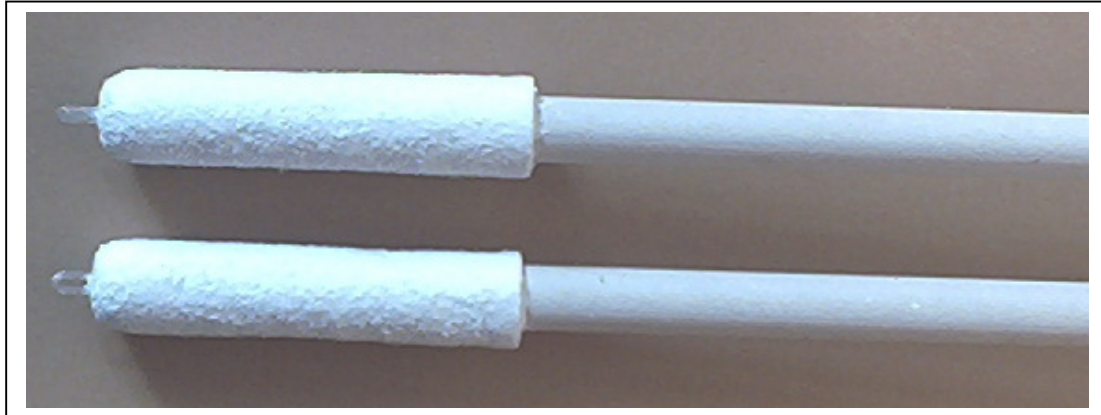


MULTI - IMMERSION THERMOCOUPLE, TYPE MI



DESCRIPTION

The multi - immersion thermocouple is used for temperature measurement in ferrous and non-ferrous molten metals, slag-free applications. The significant advantage is the quickly and repeated measurements. The thermocouple is made by an insert with long quartz tube in a refractory body, assembled above a cardboard tube with extra refractory fiber sleeve protection.



TECHNICAL DATA

- Types of thermocouples : S (Pt10%Rh-Pt)
- Calibration of the thermocouples wires : according to IEC 584-1 based on ITS-90 or IPTS-68
- Thermocouple accuracy at Pd melting point (1554°C) : 0 to +4°C
- Measuring time: 3 to 6 seconds
- Maximum possible measurements : depend on the time between successively measurements, on molten temperature and operator. Are possible 8 – 10 measurements
- Internal diameter : 17,5^{+0,5} mm
- Characteristic lengths : according to the figure.

PACKING

25 - 50 pcs. per cardboard box.

USE

In order to do the measurement, the thermocouple is to be connected to the Coupling Lance which contains the polarized Contact Block. The Lance is connected to the measuring device through a compensatory-extension cable.

APPLICATIONS

Foundry use: ladles, crucible furnaces, induction furnaces, small furnaces, only slag-free molten metals.

Lenght Code	Lengths sleeve mm	CODE
300	100	MI 10300100
	200	MI 10300200
400	100	MI 10400100
	200	MI 10400200