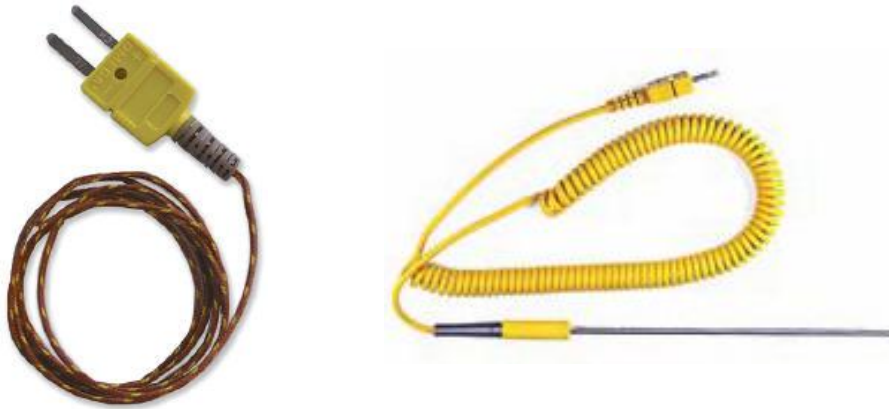


Model 108/109 Thermocouple Temperature Sensors



Overview

The Model 108 Fiberglass and Model 109 Stainless Steel Thermocouples are type "K" chromel/alumel thermocouples, ideal for extreme temperature measurements and flame mapping experiments. The Model 108 thermocouple has an unfinished tip for use in a wide range of applications requiring tight spaces or special configurations. These can be used in place of thermometers in MelTemp™ or other melting point devices, kilns, tube furnaces, muffle furnaces and heating mantles. It is also an excellent alternative to the thermistor when good linearity over a wide range of temperatures is needed.

The sealed, electrically isolated stainless steel enclosure provides fast response and allows temperature data to be recorded concurrently with pH, REDOX, conductivity, or other electrochemistry measurements without affecting the sensor behavior.

Specifications

Mechanical

Length:	
Model 108	
Overall	40"
Probe	1/8"
Model 109	
Overall	30"
Probe	6"

Functional

Temperature Range:	-200 to 1000°C
Accuracy:	±0.2°C
Resolution:	0.04°C

MicroLab Input

Flat 2 pin TC connector

Applications

- High Temperature Measurements
- Flame Mapping

Features

- Accurate
- Fast response

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