



Company Information

- [About U. S. Sensor](#)
- [Mission Statement](#)
- [Newsletter \(PDF\)](#)
- [Employment Opportunities](#)

Product Guide

- [NTC Thermistors](#)
- [NTC Probes & Assemblies](#)
- [RTD's](#)
- [RTD's Probes & Assemblies](#)

Technical Data

- [What is a thermistor](#)
- [Terminology](#)
- [Manufacturing Quality](#)

Markets and Applications

Find a Sales Rep/ Distributor

Contact Us

Home

U.S. Sensor

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Laboratory Grade Temperature Standards

U.S. Sensor's Laboratory Grade Temperature Standards are manufactured with ultra high stability thermistor elements. This high accuracy probe is provided with a NIST traceable calibration certificate with data points and a Resistance vs. Temperature (R/T) chart in 0.01°C increments. The ultra high stability, precision, cost, and inherent ruggedness of this thermistor probe make it an excellent temperature standard for applications ranging from the metrology laboratory to the factory floor.

Features

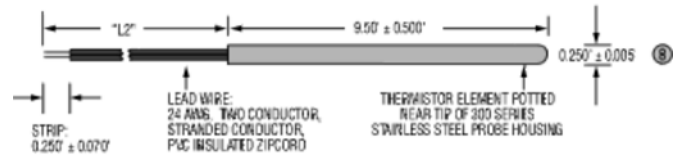
- Excellent long term stability
- NIST Traceability
- High accuracy
- Durable

Options

- Custom temperature ranges
- Probe lengths and styles
- Fahrenheit calibration certificate

Specifications

- Accuracy: $\pm 0.01^\circ\text{C}$
- Typical Drift: less than 0.01°C per year



[View Photo](#)



CALIBRATED THERMISTOR PROBES

Part Number	Nominal Resistance Omega @ 25°C	Accuracy °C	Temperature Range °C	
USP3021	10000	0.01	-20	to 70
USP3986	100000	0.01	0	to 105

[Top ^](#)

[« Return](#)