

Thermometer, but they are most portable when used with a handheld reference thermometer.

Calibrated accuracy

What's more, the Secondary Reference Series Thermistors are accurate to ± 0.01 °C and cover the temperature range of 0 °C to 100 °C. They come with a NIST-traceable calibration and a resistance-versus-temperature table printed in 0.1 °C increments that can be interpolated to 0.0001 °C. NVLAP accredited calibrations as single thermistors or as systems combined with their readouts, are also available.

No other sensors can match the accuracy and price combination of these high-accuracy thermistor probes. Try one and you'll agree.

Specifications

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Resistance	Nominal 10,000 Ω at 25 °C
Range	0 °C to 100 °C
Calibration	R vs. T table with 0.1 °C increments, interpolation equation furnished
Calibration Uncertainty	Table and equation are accurate to ± 0.01 °C Optional accredited† calibration uncertainties ± 0.006 °C
Drift	Better than ± 0.01 °C per year (k=3)
Repeatability	Better than ± 0.005 °C
Termination	Specify when ordering.
†NVLAP Lab Code 200348-0	

Models and Accessories

Model Name	Description
5610-6-X	<p>Thermistor Probe, 3.2 mm dia x 152.4 mm (0.125 in x 6 in), 0 °C to 100 °C</p> <p>(Calibration traceable to NIST standards included)</p> <p><i>X = termination. Specify "A" (INFO-CON for 914X), "B" (bare wire), "D" (5-pin DIN for Tweener Thermometers), "G" (gold pins), "I" (INFO-CON for 1521 or 1522), "J" (banana plugs), "L" (mini spade lugs), "M" (mini banana plugs), "P" (INFO-CON for 1523 or 1524), or "S" (spade lugs).</i></p>
5610-9-X	<p>Thermistor Probe, 3.2 mm dia x 228.6 mm (0.125 in x 9 in), 0 °C to 100 °C</p> <p>(Calibration traceable to NIST standards included)</p> <p><i>X = termination. Specify "A" (INFO-CON for 914X), "B" (bare wire), "D" (5-pin DIN for Tweener Thermometers), "G" (gold pins), "I" (INFO-CON for 1521 or 1522), "J" (banana plugs), "L" (mini spade lugs), "M" (mini banana plugs), "P" (INFO-CON for 1523 or 1524), or "S" (spade lugs).</i></p>
5611A-11X	<p>Silicone-Bead Probe, 1.5 mm dia x 25.4 mm (0.06 in x 1 in), 0 °C to 100 °C</p> <p>(Calibration traceable to NIST standards included)</p> <p><i>X = termination. Specify "A" (INFO-CON for 914X), "B" (bare wire), "D" (5-pin DIN for Tweener Thermometers), "G" (gold pins), "I" (INFO-CON for 1521 or 1522), "J" (banana plugs), "L" (mini spade lugs), "M" (mini banana plugs), "P" (INFO-CON for 1523 or 1524), or "S" (spade lugs).</i></p>
5611T-X	<p>Teflon Probe, 3.2 mm dia x 28 mm (0.12 in x 1.1 in), 0 °C to 100 °C</p> <p>(Calibration traceable to NIST standards included)</p> <p><i>X = termination. Specify "A" (INFO-CON for 914X), "B" (bare wire), "D" (5-pin DIN for Tweener Thermometers), "G" (gold pins), "I" (INFO-CON for 1521 or 1522), "J" (banana plugs), "L" (mini spade lugs), "M" (mini banana plugs), "P" (INFO-CON for 1523 or 1524), or "S" (spade lugs).</i></p>