

Traceable® Extreme-Accuracy Thermometer

Lab partner delivers exact time/date when temps rise above/fall below set-points

Features

- Two audible and two visual alarms warn when temperatures rise above/fall below set-points, unit displays the exact time and date when alarm was triggered
- Efficient alarms are programmable in 0.1° increments and sound continuously until disabled
- Remarkable, three-line display shows minimum/maximum, current temperatures
- Accurate readings with tip penetration of 1/3-inch



Four Traceable® International Standards Digital thermometers provide the exact readings required for critical requirements, quality control checks, and routine measurements. Units read 0.00, 25.00, 37.00, or a combination of all three with a resolution of 0.01° and an accuracy $\pm 0.05^{\circ}\text{C}$ within $\pm 2^{\circ}\text{C}$ of standard. Units read in $^{\circ}\text{C}$ and $^{\circ}\text{F}$.

Impervious stainless-steel probe

Stainless-steel probe shows the slightest temperature change. Probe is triple purpose for liquid, air/gas, and semisolids. Probe has a diameter of $\frac{1}{8}$ -inch, stem length of $6\frac{1}{4}$ inches, overall length of 9 inches and a cable length of 5 feet.

Unit conforms to ITS-90, International Temperature Standard

High-precision unit is ideal for measuring temperatures in water baths, cuvettes, gas systems, reagents, standards solutions, ovens, incubators, pharmaceuticals, petroleum products, foods, and wastewater.

Records time and date for min/max readings and hi/lo alarm alerts

Min/max monitors readings overnight, on weekends, or for any time period and displays the exact time and date when the min/max temperature occurred.

Traceable® Certificate

Multi-point calibration on an individually-numbered Traceable® Certificate which assures accuracy from an ISO/IEC 17025:2005 (1750.01) calibration laboratory accredited by A2LA. It indicates traceability of measurements to the SI units through NIST or other recognized national measurement institutes (NMI) that are signatories to the CIPM Mutual Recognition Agreement. High-impact, chemical-resistant ABS plastic case is $2\frac{3}{4} \times 4\frac{1}{4} \times \frac{3}{4}$ inches. Weight is 5 ounces. Stand, Hook and loop tape, magnetic strips, and wall mount allow placing thermometer anywhere. Supplied with a Traceable® Certificate, stainless-steel probe, and two AAA batteries. Replacement battery Cat. No. 1105.

Cat. No.	Range	Resolution	Accuracy	Probe
4241	0.00° (-2.00 to 2.00°C)	0.01°	$\pm 0.05^{\circ}\text{C}$ when within $\pm 2^{\circ}\text{C}$ of the tested standard point(s); $\pm 1^{\circ}\text{C}$ otherwise	0.3" diameter, $6\frac{1}{4}$ " stem length; 60" cable
4242	25.00° (23.00 to 27.00°C)			
4243	37.00° (35.00 to 39.00°C)			
4244	0.00°, 25.00°, 37.00°—all 3 above			