

RTD/Thermistor Thermometers

DIGITAL THERMOMETERS AND PROBES



TEGAM's 865/866 2252 Ω thermistor thermometers: Your best choice for lab-accurate temperature measurement in a built-tough handheld. TEGAM's thermistor thermometers measure temperatures from -55 °C to +150 °C (-70 °F to +300 °F) with precise accuracy: 0.3 % of the reading. They're built dust-proof, splash-proof, withstand a six-foot drop and work with all YSI Series 400 probes. Those outstanding qualities—along with their repeatability and long-term stability—make these handheld thermometers ideal for work in the lab or in the field.

- Accuracy: 0.3 % of reading
- 1° or 0.1° resolution
- °F or °C scales
- Big, easy-to-read LCD display
- One-year warranty

ORDERING INFORMATION

MODEL	INPUTS	SCALE
865	One	°F
866	One	°C

TEGAM's 868/869 100 Ω RTD thermometers, the only handheld RTDs that accept three-wire and four-wire platinum probes, and provide repeatable accuracy of 0.3 °C. With exceptional accuracy and the same repeatability and long-term stability of our thermistor units, TEGAM's 868/869 platinum RTD thermometers detect and display temperatures from -360 °F to +1100 °F. They're ideal for cryogenic and high-temperature research or industrial monitoring. For your flexibility, we provide a mating connector which allows you to use any 100 ohm RTD probe. These units are housed in heavy-duty ABS cases that are dust-proof, splash-proof and drop-proof.

- Accuracy: 0.3 °C
- 1° or 0.1° resolution
- °F or °C scales
- Big, easy-to-read LCD display
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869	One	°C

SPECIFICATIONS

MODEL	RANGE	RESOLUTION	ACCURACY
865	-40 °F to 199.9 °F	0.1 °F	± (0.3 %rdg + 0.5 °F)
	-70 °F to 300 °F	1 °F	± (0.3 %rdg + 1 °F)
866	-40 °C to 150 °C	0.1 °C	± (0.3 %rdg + 0.3 °C)
	-100 °F to 199.9 °F	0.1 °F	± 0.4 °F
868	-100 °F to 1100 °F	1 °F	± 2 °F
	-100 °C to 199.9 °C	0.1 °C	± 0.3 °C
869	-100 °C to 630 °C	1 °C	± 1 °C

REPEATABILITY: 0.1 °C (0.2 °F) typical

DISPLAY: 3¹/₂-digit LCD, .5 in. high

DIMENSIONS: 6.3 in x 2.7 in x 1.2 in WEIGHT: 7.5 oz.

INCLUDED ACCESSORIES: 9V Battery and Manual.

(spare input connector included with 868/869).

OPTIONAL ACCESSORIES: Tilt Stand/belt Clip P/N 8660 , Vinyl Case P/N 8668, Z540
Compliant Calibration for 865, 866, 868 or 869 with Certificate and Data P/N OPT-Z540.

