

Thermocouple Thermometers

DIGITAL THERMOMETERS AND PROBES

General Purpose Digital Thermometers

Select a low cost Thermometer in TC type K or J, and get all the accuracy and resolution you need for routine work. We make these easy-to-use thermometers for people whose everyday needs call for basic temperature measurement accuracy and resolution. We build these thermometers with a high-impact ABS case that's shock-proof and splash-proof for tool box durability. We back them with a full one-year warranty. Check the application chart below to see which of these low cost thermometers suits your specific needs.



SPECIFICATIONS

| MODEL | TC TYPE | RANGE | RESOLUTION | ACCURACY |
|-------|---------|--|----------------|--|
| 874F | K | -40 °F to 199.9 °F -120 °F to 1999 °F | 0.1 F° 1 F° | ± (0.5 %rdg + 1.0 °F) ± (1 %rdg + 2 °F) |
| 874C | K | -40 °C to 199.9 °C -85 °C to 1100 °C | 0.1 C° 1 C° | ± (0.5 %rdg + 0.5 °C) ± (1 %rdg + 1 °C) |

REPEATABILITY: 0.3 °F
 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: 9 V Battery and Manual
 OPTIONAL ACCESSORIES: Tilt Stand/Belt Clip P/N 8660 , Vinyl Case P/N 8668 , Leather Case P/N 1104, Z540 Compliant Calibration for 874F or 874C with Certificate and Data P/N OPT-Z540

Accurate Digital Thermometers with Analog Output

TEGAM's 871A/872A, the recognized industry standards, are the only handheld digital thermometers with analog output, plus dual input and easy-to-use rotary switches. These thermometers are the only handhelds whose 1 mV per °C analog output can be directly linked to recorders and computers.

- Wide-application accuracy: 0.25 % of reading
- Dual thermocouple inputs
- One-hand operation: Upper rotary switch selects °F or °C and 1° or 0.1° resolution; lower rotary switch enables fast comparisons of two temperature points
- Big, bright 3¹/₂-digit LCD display, with low battery and open probe indicators
- 871A accepts type K thermocouples: 872A accepts type J
- Rugged ABS plastic case
- Two-year warranty

ORDERING INFORMATION

| MODEL | TC TYPES | INPUTS |
|-------|----------|--------|
| 871A | K | Two |
| 872A | J | Two |

SPECIFICATIONS

ACCURACY: ± (0.25 % of reading + 1 °C)
 RESOLUTION: 0.1° to 200°; Full Range
 REPEATABILITY: ±0.2 °C
 THERMOCOUPLES:

| RANGE | TYPE K | TYPE J |
|-------|-------------|-------------|
| °F | -40 to 1999 | -40 to 1400 |
| °C | -40 to 1370 | -40 to 760 |

DISPLAY: 3¹/₂-digit LCD, 0.6 in high
 DIMENSIONS: 7.0 in x 3.1 in x 1.6 in WEIGHT: 10.6 oz.
 INCLUDED ACCESSORIES: Probe P/N 8712/8722, 9 V Battery, Manual
 OPTIONAL ACCESSORIES: Vinyl Carrying Case P/N 8668, Z540 Compliant Calibration for 871A or 872A with Certificate and Data P/N OPT-Z540

