

Industrial Thermocouple Thermometer

The only multi-thermocouple handheld thermometers made in the U.S.A that offer superior accuracy, 2000-hour battery life, and a 3-year warranty.



FEATURES

- Superior Accuracy
 $\pm(0.04\% |rdg| + 0.3\text{ }^{\circ}\text{C})$
- Probe Offset
- 2000-Hour Battery Life
- Displays Real-Time Statistical Data
- Creative Ergonomic Design
- 3-Year Warranty
- Made in USA

TRUST is an essential feature in any measurement tool and TEGAM's new 900 Series thermometers are instruments you can **rely on every day** with confidence. These new models are the most accurate thermometers ever offered by TEGAM to meet the increasing demands of regulatory requirements in food, pharmaceutical, and materials applications where process temperature measurement is critical. Superior instrument accuracy, combined with the "Probe Offset" feature to zero out probe errors, makes their "system" accuracy unmatched in the industry.

The single channel Model 911A and dual channel 912A boast **2000-hour battery life** using three off-the-shelf AA batteries to provide convenient, dependable, uninterrupted, low-cost portable measurement capability without expensive batteries, AC adapters or chargers.

Real-time statistical data increases user productivity, process efficiency and product quality. Displayed on-demand, MIN, MAX, AVG, RANGE and STDEV (standard deviation) provide critical process information and diagnostics that allow the user to analyze manufacturing processes on the fly and make immediate adjustments for maximum efficiency and quality.

The creative ergonomic design makes these instruments easy to hold, easy to read and easy to clean. **Designed for one-handed operation**, these tools are comfortable to carry and use for extended periods of time. The smooth, sleek, seamless case means cleaning is quick and simple.

Like all TEGAM products, the 900 Series thermometers are designed, assembled and tested in the United States. TEGAM backs this durable instrument with a standard **3-year warranty** to assure you that your investment is sound.

For over 30 years, TEGAM has been building hand held thermometers for challenging applications. TEGAM's 900 Series extends that experience into new thermometers tasked with producing **reliable thermocouple measurements in all types of environments**. They are designed to be durable and easy to use, with advanced features that outmatch your challenges.

When your measurement matters...

Be Certain with TEGAM!

Specifications for Models 911A/912A

| | | | |
|-------------------------------|--|---|------------|
| Basic Accuracy | ±(0.04% rdg + 0.3 °C) | | |
| Temperature Ranges | °C | °F | K |
| K | -200 to 1372 | -328 to 2502 | 73 to 1645 |
| J | -210 to 1200 | -346 to 2192 | 63 to 1473 |
| T | -250 to 400 | -418 to 752 | 23 to 673 |
| E | -250 to 1000 | -418 to 1832 | 23 to 1273 |
| Connector Type | Mini-TC | | |
| Probe Zero Function | Resolution 0.1 °C/°F/K | | |
| Display | 4-Digit Auto-Resolution (0.1/1) with Backlight and Function Annunciators | | |
| Reading Rate | 3/sec. for Readings and TREND indicators | | |
| Battery Type | 3 AA (IEC LR6, ANSI 15) Alkaline | | |
| Battery Life | 2000 Hours | | |
| Statistics | Min, Max, Avg, Rng, T1-T2 and Std Dev | | |
| Clock | Elapsed Statistics Run Time | | |
| Operating Environment: | | | |
| Temperature | -20 to 55 °C | -4 to 131 °F | |
| Humidity | 5 to 95%, 10 to 30 °C | 5 to 95%, 50 to 86 °F | |
| Altitude | 0 to 4600 m | 0 to 15,092 ft. | |
| Vibration | Random 10-500 Hz, 0.03 g ² /Hz | | |
| Shock | 30g Half Sine | | |
| Drop | 4 drops from 1 m to concrete | | |
| Dimensions | 193 X 84 X 28 mm | 7.6 X 3.3 X 1.1 in. | |
| Weight | 362.9 g | 12.8 oz | |
| Warranty | 3 year Parts & Workmanship | | |
| Calibration Guarantee | 2 year | | |
| Included Accessories | 3 AA Batteries, Quick Start Guide, Certificate of Traceability | | |
| Optional Accessories | Tilt Stand/Magnet/Hanger, Foam-Filled Hard Carry Case | | |
| Available Probes | See TEGAM Temperature Probe Selection Guide for available probes. | | |
| Ordering Information | Model | Description | |
| Thermometers | 911A | Thermocouple Thermometer, Single Input | |
| | 912A | Thermocouple Thermometer, Dual Input | |
| Accessories | 911-910 | Tilt Stand/Magnet/Hanger (factory installed) | |
| | 911-912 | Tilt Stand/Magnet/Hanger (user installed) | |
| | 911-911 | Foam-Filled Hard Carry Case (911A, 912A, 931A and 932A) | |