

TM400 Hand-Held Thermocouple Meters

The Wahl Heat-Prober Meter TM400 offers budget-stretching value with exceptional features. Use the TM400 for industrial maintenance, food service, and other test applications. The TM400 Meter will accept any Type K mini-connector probes.

TM400 FEATURES

- Handy, ergonomically designed meter with large-reading LCD.
- Switches between Fahrenheit and Celsius scale readings.
- Range of -58° to 1999° Fahrenheit (-50° to 1300° Celsius).
- Display resolution switch for choice of 1.0° to 0.1°, F or C.
- Accepts Type K probes with standard ANSI mini-connectors.
- “Data Hold” button captures and holds the current reading.
- Display annunciator indicates “Hold”, “Max”, “°F”, “°C” temperature readings in addition to a low battery warning.
- Powered by four 1.5 V, AAA size batteries for 200 hours operation under typical usage conditions.
- Supplied completely operational with nylon carrying case with belt loop, one test probe and four batteries.

TM400 SPECIFICATIONS

Model	TM400
Type K Range	-58°/1999°F and -50°/1300°C
Type J Range	NA
Resolution	Switchable 1° or 0.1°, °F or °C
Meter Accuracy	At -58° to 1832°F (-50° to 1000°C) ±0.3% reading, +2°F (1°C) At 1832° to 1999°F (100° to 1300°C) ±0.5% reading, +2°F (1°C)
Power	Four 1.5V (AAA, UM-4, R03) batteries
Display	3-1/2 Digit LCD
Meter Size	6-5/8" x 1-5/8" x 1-3/4" (166 x 41 x 44mm)

See Complete Meter specifications on page 13.
See pages 14-17 for interchangeable thermocouple probes.



TM400 Type K Meter with
Test Probe, as supplied



TM400 Carrying Case,
as supplied

TM500 Meter

Hand-Held Thermocouple Meter

The Wahl Heat Prober Meter TM500 offers budget-stretching value with exceptional features. The TM500 has advanced microprocessor functions, dual display and dual probe capability for more advanced testing in critical process and laboratory applications. The TM500 will accept any Type K mini-connector probes as well as Type J probes.

TM500 FEATURES

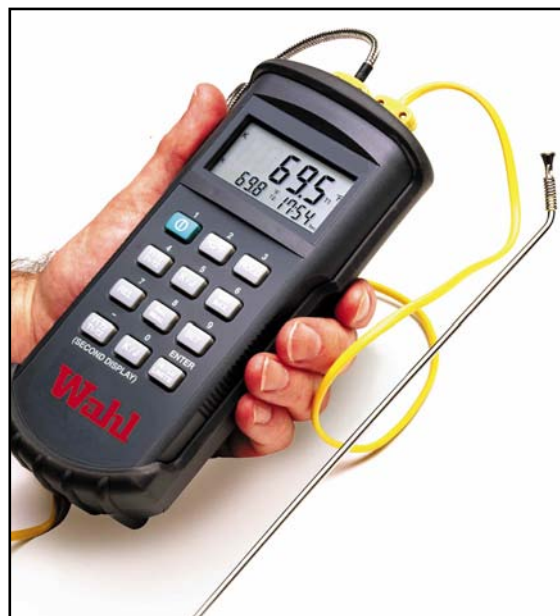
- Battery-powered, microprocessor controlled thermocouple meter for use with interchangeable sensing probes.
- Large LCD provides independent and concurrent temperature readings from two probes.
- Dual probe input accepts one or two Type J or Type K Thermocouple probe(s) with standard ANSI mini-connectors.
- Selectable temperature scale, Fahrenheit or Celsius readings.
- Type J range of -328°F to 1922°F (-200°C to 1050°C).
- Type K range of -328°F to 2498°F (-200°C to 1370°C).
- Main LCD displays the temperature reading from either selected probe or the temperature difference between the two.
- Third LCD displays time or timing duration (hours, minutes, seconds) of max/min or average temperature events.
- "Recording" mode allows data storage for max, min, and average temperatures reached over a time period.
- "Set" mode allows entry of reference and alarm points.
- Completely portable, powered by one 9V battery.
- Supplied with water and shock resistant rubber boot, built-in easel stand, 9V battery, and two Type K test probes.

TM500 SPECIFICATIONS

Model	TM500
Type K Range	-328°/2498°F and -200°/1370°C
Type J Range	-328°/1922°F and -200°/1050°C
Resolution	0.1°, °F or °C
Meter Accuracy	At -58° to 2498°F (-50° to 1370°C) ±0.05% reading, +0.6°F (0.3°C) At -58° to -328°F (-50° to -200°C) ±0.05% reading, 1.4°F (0.7°C)
Power	One standard 9V, NEDA 1604 or equiv.
Display	5 Digit LCD
Meter Size	7-5/8" x 3-5/8" x 2-1/8" (190 x 92 x 54mm)

See Complete Meter specifications on page 13.

See pages 14-17 for interchangeable thermocouple probes.



TM500 shown with TC869 45° Spring Articulated Surface Probe from pages 14 and 15.



TYPE J AND TYPE K INTERCHANGEABLE PROBES

Type J and Type K Thermocouple Interchangeable Probes

TCL301J	Type J general purpose probe with Delrin handle, 8" shank, .125" diameter
TCL301K	Type K general purpose probe with Delrin handle, 8" shank, .125" diameter
TCL309J	Type J handle & probe set, TCL329J handle sold with TCL383J immersion probe
TCL309K	Type K handle & probe set, TCL329K handle sold with TCL383K immersion probe
TCL329J	Type J handy extension handle for use with direct connect probes, 4" handle accepts all ANSI mini-connector type J probes, 5' coiled lead connects to meter
TCL329K	Type K handy extension handle for use with direct connect probes, 4" handle accepts all ANSI mini-connector type K probes, 5' coiled lead connects to meter
TCL363J	Type J unmounted 3' bare thermocouple, exposed junction
TCL363K	Type K unmounted 3' bare thermocouple, exposed junction
TCL383J	Type J immersion probe, 8" shank with .125 diameter, direct connect to meter
TCL383K	Type K immersion probe, 8" shank with .125 diameter, direct connect to meter

Most Type K special application probes listed on pages 14 and 15 can be produced using J thermocouple sensors. Consult the factory for specifications, availability, and pricing.

See our complete line of thermocouple probes on pages 14-17

Calibration Services Available

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