

Our Rugged, Versatile, User-Friendly Handheld Thermometers

Main Features

- ▼ Rugged ergonomic housing
- ▼ Simple-to-use automatic field calibration ensures accurate readings
- ▼ Sealed keypad and ABS plastic case meet IP54 standards for splash resistance
- ▼ Min/Max and Hold functions
- ▼ Temperature units in °F or °C

Quick connections for a variety of probes

- ▼ Mini-connectors on thermocouple meters, mini-din on RTD meters, and bayonet on thermistor meters
- ▼ Dual-input versions available



Large, backlit display

- ▼ Custom LCD on basic meters
- ▼ Dot-matrix on advanced meter; simultaneously display individual probes and differential readings

USB output available

- ▼ Advanced meters feature computer interface via RS-232

Menu-driven operation on advanced meters

- ▼ Access easy-to-follow setup; intuitive on-screen menus
- ▼ Quick review of operations and functions

Datalogging capabilities available

- ▼ Log up to 2000 points
- ▼ Review on the meter at the touch of a key

Optional three-way hands-free

- ▼ Flip stand for benchtop use
- ▼ Magnet mount; sticks to metal surfaces
- ▼ Hook-and-loop strap to hold on your belt or hang from a pipe



Optional protective rubber armor

- ▼ Protects meter from accidental drops and dings
- ▼ Provides added grip in wet environments
- ▼ Built-in flip stand



Temp 300 Datalogging Thermocouple Thermometer

Our most advanced thermocouple thermometer

Datalogging for up to 2000 points

- ▼ Time-and-date stamp for advanced data analysis

Menu-driven setup and operation

- ▼ Detailed on-screen information makes the Temp 300 easy to use

T1/T2 function

- ▼ Take differential temperature measurements with simultaneous display of individual probes

USB output

- ▼ Easily transfer stored readings to your computer

Standard miniconnectors

- ▼ Choose from a wide variety of probes

All push-button operation

- ▼ For fast, easy use

Automatic field calibration

- ▼ Easily performed for either a single- or dual-point calibration for each probe

°C/°F/°R or K selectable

Minimum and maximum temperature display

- ▼ Displays highest/lowest temperature since meter was switched on, or use Min/Max Hold Mode to continuously update lowest/highest temperature

Temperature offset calibration adjustment

- ▼ Push-button adjustment for fine-tuning factory calibration

Hold function

- ▼ Freezes measurements for convenient reading and recording

Auto-off function

- ▼ Turns off meter after 17 minutes of nonuse to save batteries

Sealed keypad and ABS plastic case; optional rubber armor

- ▼ Meet IP54 standards for splash resistance; armor adds protection and features a built-in stand



Protective armor makes the Temp 300 rugged enough for your tough environment



35427-50

Applications

General: Great for QC and research lab testing requiring analysis.

Industrial: Troubleshoot and analyze industrial processes.

Select a probe to match your application

See pages 8–13 to see our wide selection of probes.

Specifications

Mode	Range
Type J	–346 to 3192°F (–210 to 1200°C)
Type K	–418 to 2501°F (–250 to 1372°C)
Type T	–418 to 752°F (–250 to 400°C)
Type E	–418 to 1832°F (–250 to 1000°C)
Type R	32 to 3214°F (0 to 1768°C)
Type S	32 to 3214°F (0 to 1768°C)
Type N	–418 to 2372°F (–250 to 1300°C)
Type B	392 to 3272°F (200 to 1800°C)

Resolution: 0.01 or 0.1°F/°C; auto-ranging to 0.1° above +99.99°

Accuracy:

Type J, K, T, E, and N: ±0.25% of reading ±2°F (±1°C) below –148°F (–99.9°C), ±0.1% of reading ±0.7°F (±0.4°C) above –238°F (–150°C)

Type R, S, and B: ±0.1% of reading ±2°F (±1°C)

Datalogging: 2000 real-time readings, with time-and-date stamp

Display: 4-digit, custom dot matrix display; ¼" x ½" digits, 2¼" x 1½" backlit viewing area

Digital output: USB

Power: three AA batteries (included) or optional AC adapter

Battery life: 400 hours continuous (without use of backlighting)

Probe: two thermocouples; use any J, K, T, E, R, S, N, or B probe with miniconnector (not included)

Dimensions: 4"W x 7"H x 2"D (18 x 10.2 x 5.2 cm) (with protective boot)

Weight: 1.25 lb (0.6 kg)

Ordering Information

Catalog number	Description	Included
WD-35427-50	Temp 300 datalogging	Meter and batteries
WD-35427-80	Rubber armor	Rubber armor with built-in meter stand
WD-35427-85	Hands-free kit	Multipurpose hanging strap and mounting magnets

ISO 9001:2000
CERTIFIED SUPPLIER

CE

3 year warranty

Temp 100 Dual-Input Thermocouple Thermometer

One meter, two inputs—great for differential testing

Differential temperature mode

- ▼ Multidata LCD simultaneously indicates each probe along with the differential reading

Standard miniconnector accepts four thermocouple types

- ▼ Use with many widely available probes or order from our selection

Store and recall up to 1000 data points

- ▼ Track critical data, spot trends, or review data at your convenience

All push-button operation

- ▼ For fast, easy use

Menu driven setup and operation

- ▼ Detailed on-screen information makes the Temp 100 easy to use

°C/°F selectable

Minimum and maximum temperature display

- ▼ Displays highest/lowest temperature since meter was switched on, or use Min/Max Hold Mode to continuously update lowest/highest temperature

Temperature offset calibration adjustment

- ▼ Push-button adjustment for fine-tuning factory calibration

Hold function

- ▼ Freezes measurements for convenient reading and recording

Auto-off function

- ▼ Turns off meter after 17 minutes of nonuse to save batteries

Sealed keypad and ABS plastic case; optional rubber armor

- ▼ Meet IP54 standards for splash resistance; armor adds protection and features a built-in stand



35427-40



Optional rubber armor lets you prop meter on your lab bench.

Specifications

ISO9001:2000
CERTIFIED SUPPLIER

CE 3 year warranty

Mode	Range
Type J	-346 to 2192°F (-210 to 1200°C)
Type T	-418 to 752°F (-250 to 400°C)
Type E	-418 to 1832°F (-250 to 1000°C)
Type K	-418 to 2501°F (-250 to 1372°C)

Resolution: 0.1°F/°C between -99.9 to 999.9°, 1° below -99.9° and above 999.9°

Accuracy

Below -148°F (-99.9°C): ±0.25% of reading ±2 °F (±1°C)
Above -148°F (-99.9°C): ±0.1% of reading ±0.7°F (±0.4°C)

Datalogging: 1000 points

Display: 4-digit LCD, 2¼" x 1½" backlit viewing area

Digital output: USB

Power: three AA batteries (included)

Battery life: 400 hours continuous (without the use of backlighting)

Probe: one thermocouple; use any J, K, T, or E probe with miniconnector (not included)

Dimensions: 4"W x 7"H x 2"D (18 x 10.2 x 5.2 cm) (with protective boot)

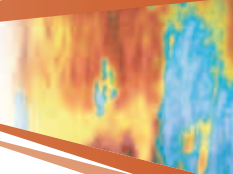
Weight: 1.25 lb (0.6 kg)

Ordering Information

Catalog number	Description	Included
WD-35427-40	Temp 100	Meter and batteries
WD-35427-80	Rubber armor	Rubber armor with built-in meter stand
WD-35427-85	Hands-free kit	Multipurpose hanging strap and mounting magnets

Select a probe to match your application

See pages 8–13 to see our wide selection of probes.



Temp 10 Thermocouple Thermometers

Choose from models for J, K, or T input

Standard miniconnectors

▼ Choose from a wide variety of probes

All push-button operation

▼ For fast, easy use

Ergonomic design

▼ Easy to grip for one-handed operation

°C/°F selectable

Minimum and maximum temperature display

▼ Displays highest/lowest temperature since meter was switched on, or use Min/Max Hold Mode to continuously update lowest/highest temperature

Temperature offset calibration adjustment

▼ Push-button adjustment for fine-tuning factory calibration

Hold function

▼ Freezes measurements for convenient reading and recording

Auto-off function

▼ Turns off meter after 17 minutes of nonuse to save batteries

Sealed keypad and ABS plastic case

▼ Meet IP54 standards for splash resistance

Optional rubber armor

▼ Protects meter; features a built-in stand



Select a probe to match your application

See pages 8–13 to see our wide selection of probes.

Specifications

ISO9001:2000
CERTIFIED SUPPLIER

CE **3 year warranty**

Model	Temp 10J	Temp 10K	Temp 10T
Probe	One type J	One type K	One type T
Range	-346 to 2192°F (-210 to 1200°C)	-418 to 2501°F (-250 to 1372°C)	-418 to 752°F (-250 to 400°C)
Resolution	0.1°F/C between -199.9° and 999.9°; 1° below -199.9° and above 999.9°		
Accuracy	Below -238°F (-150°C): ±0.25% of reading ±2°F (±1°C) Above -238°F (-150°C): ±0.1% of reading ±0.7°F (±0.4°C)		

Display: 4-digit LCD (6 x 15 mm digits), viewing area 58 x 40 mm (backlit)

Power: three AA batteries (included) or optional AC adapter

Battery life: 700 hours continuous (without use of backlighting)

Dimensions: 4"W x 7"H x 2"D (18 x 10.2 x 5.2 cm) (with protective boot)

Weight: 1.25 lb (0.6 kg)

Ordering Information

Catalog number	Description	Included
WD-35427-00	Temp 10J	Meter and batteries
WD-35427-10	Temp 10K	Meter and batteries
WD-35427-20	Temp 10T	Meter and batteries
WD-35427-80	Rubber armor	Rubber armor with built-in meter stand
WD-35427-85	Hands-free kit	Multipurpose hanging strap and mounting magnets