

ARTISAN®
TECHNOLOGY GROUP

Your **definitive** source for quality pre-owned equipment.

Artisan Technology Group
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Full-service, independent repair center
with experienced engineers and technicians on staff.

We buy your excess, underutilized, and idle equipment
along with credit for buybacks and trade-ins.

Custom engineering
so your equipment works exactly as you specify.

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- In stock / Ready-to-ship
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Digi-Sense® DuaLogR® Thermocouple meters



Log up to 1000 sets of readings in real time

Transfer data to an infrared printer or computer via the optional infrared RS-232 adapter

Displays temperatures in °F, °C, °R or K

Measures minimum, maximum and differential readings

Meter accepts all type J, K, T, E, R, S, N or B thermocouple probes with miniconnectors

Our DuaLogR thermometer features real time datalogging and infrared data output capabilities. Ideal for laboratory, industrial, and field use. Resolution and input filtering are selectable to improve readability during rapidly changing temperatures.

Thermometer measures minimum, maximum, and differential readings using one or two probes. Manually store or automatically log up to 1000 sets of readings in real time. Log interval is selectable from 1 second to 60 minutes. Order the optional RS-232 interface adapter to upload readings to your computer.

Certificate is included stating conformance to NIST monograph 175 revised to ITS-90. Thermometer is factory calibrated using NIST-traceable calibrators. Thermocouple linearization has ±0.04°F conformance to NIST thermocouple tables. Improve your system accuracy by calibrating each probe for zero and slope. Calibration values can be manually entered and stored for each thermocouple type at any temperature.

Thermometer features an ergonomic design and large multi-data LCD. A fold-out stand allows easy benchtop use. ABS/polycarbonate plastic case with sealed silicone rubber keypad is IP54 rated for splash- and dust-resistance. UL approved for intrinsic safety for use in Class I; Groups A, B, C, and D; Division 1 hazardous locations. Order an AC adapter to conserve battery life during extended logging and printing operations.

Specifications

Range
Type J: –328 to 1832°F (–200 to 1000°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
Below –150°C: 1°
Between –150°C and 999.9°: 0.1°
Above 999.9°: 1°

Accuracy
Type J, K, T, E, and N
below –150°C (–238°F):
±0.25% of reading plus 1°C (2°F)
Above –150°C (–238°F):
±0.1% of reading plus 0.4°C (0.7°F)
Type R, S, and B:
±0.1% of reading plus 1°C (2°F)

Display: three 4-digit displays; 0.4"H and 0.2"H

Power: two AA batteries (included)
Battery life: approx. 650 hours

Dimensions: 3.3"W x 6.2"H x 1.2"D (84 mm W x 158 mm H x 30 mm D)

Ordering Information

What's included: two AA batteries.
WD-60010-50 DuaLogR thermometer
WD-91100-52 Adapter, 115 VAC
WD-91100-55 Adapter, 230 VAC
WD-91100-90 Carrying case, soft
WD-09376-01 Replacement batteries; 1.5 V, AA. Pack of four





91100-85

Accessories

WD-91100-85 RS-232 interface. Use with most popular RS-232 programs including Windows® Terminal, 95, or 98 or Hyperterminal®

WD09376-01 Replacement batteries; 1.5V, AA

Artisan Technology Group is an independent supplier of quality pre-owned equipment

Gold-standard solutions

Extend the life of your critical industrial, commercial, and military systems with our superior service and support.

We buy equipment

Planning to upgrade your current equipment? Have surplus equipment taking up shelf space? We'll give it a new home.

Learn more!

Visit us at **artisantg.com** for more info on price quotes, drivers, technical specifications, manuals, and documentation.

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