

TMD-56 Multi-logging Digital Thermometer with 0.05% Basic Accuracy

The professional choice for HVAC technicians, electricians, research, industrial process, and quality control

Amprobe TMD-56 thermometer with USB download capability is a professional choice for HVAC/R technicians, electricians, research, industrial process, and quality control.

Highlights

- **Backlit triple-display**
- **Built in memory**
- 16 sets, Maximum 16000 data points
- **Data-logging:**
- 256 samples with real-time data per channel
- **Easy Data Recall with up and down key:** T1, T2, T1-T2, Time and Memory Location
- **Thermocouple Offset Adjustment**
- **REC, MAX, MIN, MAX-MIN,** Average, Relative Zero and HOLD functions
- **Resolution 0.1°C/1°C, 0.1°F/1°F**
- **Warning beeper with Hi/Lo setting**
- **User selectable recording interval**
- **Real time clock with calendar**



Safety Certification

All Amprobe tools, including the Amprobe TMD-56, are rigorously tested for safety, accuracy, reliability, and ruggedness in our state-of-the-art test lab. In addition, Amprobe products that measure electricity are listed by a 3rd party safety lab, either UL or CSA. This system assures that Amprobe products meet or exceed safety regulations and will perform in a tough, professional environment for many years to come.



TMD-56
Multilogger Thermometer
with USB Download



General Specifications

Display	4½ digit liquid crystal display (LCD) with a maximum reading of 19999.
Polarity	Automatic, positive implied, negative polarity indication.
Low Battery Indication	The "⚡" is displayed when the battery voltage drops below the operating level.
Auto Power Off	30 minutes
Measurement Rate	2.5 times / second.
Operating Environment	0°C to 50°C (32°F to 122°F) <80% R.H.
Storage Environment	-20°C to 60°C (-4°F to 140°F) <70% R.H. with battery removed from meter.
Accuracy	Stated accuracy at 23°C ±5°C, <75% R.H.
Power	1.5V x 4pcs AAA size
Battery Life	120 hours
Dimensions	L241.3 X W157.98 XH76.2mm (9.5 X 6.22 X3 in
Weight	Approx. 365g (0.8lb) including batteries.

Electrical Specifications

Temperature Scale	User selectable Celcius or Fahrenheit
Measurement Range	Thermocouple Type Range
	K-TYPE (0.1°) : -200°C to 1372°C (-328°F to 2501°F)
	J-TYPE (0.1°): -210°C to 1200°C (-346°F to 2192°F)
	T-TYPE (0.1°): -200°C to 400°C (-328°F to 752°F)
	E-TYPE (0.1°): -210°C to 1000°C (-346°F to 1832°F)
	R-TYPE (1°): 0°C to 1767°C (32°F to 3212°F)
	S-TYPE (1°): 0°C to 1767°C (32°F to 3212°F)
	N-TYPE (0.1°): -50°C to 1300°C (-58°F to 2372°F)
Accuracy	K/J/T/E-TYPE
	±(0.05% rdg + 0.3°C) -50°C to 1372°C
	±(0.05% rdg + 0.7°C) -50°C to -210°C
	±(0.05% rdg + 0.6°F) -58°F to 2501°F
	±(0.05% rdg + 1.4°F) -58°F to -346°F
	N-TYPE
	±(0.05% rdg + 0.8°C) -50°C to 0°C
	±(0.05% rdg + 0.4°C) 0°C to 1300°C
	±(0.05% rdg + 1.6°F) -58°F to 32°F
	±(0.05% rdg + 0.8°F) 32°F to 2372°F
	R/S-TYPE
	±(0.05% rdg + 2°C) 0°C to 1767°C
	±(0.05% rdg + 4°F) 32°F to 3212°F

Included Accessories: USB wireless module, USB cable and software CD, user manual, 2-k type thermocouple, batteries (installed)

