Test Equipment Depot
99 Washington St. Melrose MA, 02176
1.800.517.8431 | 781.665.0780 (Fax)
Visit us at www.TestEquipmentDepot.com

AMPROBE®

Data Sheet

TMD-56

Multilogger Thermometer with USB Download

Amprobe TMD-56 thermometer with USB download capability is a professional choice for HVAC/R technicians, electricians, research, industrial process, and quality control. This model comes with a dual inputs that allows easy access to easy super-heat and sub-cool temperature measurement as well as cut-out and in temperature measurements.

- **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**

No hassle warranty

No waiting.

No shipping charges.

Our commitment to high-quality products and customer service is demonstrated by our industry exclusive "No Hassle" warranty. In the unlikely event that an Amprobe Test Tool requires warranty service, any of our local dealers are authorized to replace it, on the spot.

(note: $500 MSLP limit)

N10140

Test Equipment Depot
99 Washington St. Melrose MA, 02176
1.800.517.8431 | 781.665.0780 (Fax)
Visit us at www.TestEquipmentDepot.com

AMPROBE®

Data Sheet

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.

Test Equipment Depot
99 Washington St. Melrose MA, 02176
1.800.517.8431 | 781.665.0780 (Fax)
Visit us at www.TestEquipmentDepot.com

AMPROBE®

Data Sheet

TMD-56 Multilogger Thermometer with USB Download

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	Users manual, Battery (4), USB cable, Software CD, K type thermocouple (2)

Test Equipment Depot
99 Washington St. Melrose MA, 02176
1.800.517.8431 | 781.665.0780 (Fax)
Visit us at www.TestEquipmentDepot.com

AMPROBE®

Data Sheet

TMD-56 Multilogger Thermometer with USB Download

Amprobe® Test Tools
Everett, WA 98203

Amprobe® Test Tools Europe
In den Engematten 14
79286 Glottertal, Germany

©2010 Amprobe Test Tools. All rights reserved.
6/2010 TMD-56_DS Rev A