AMPROBE®

Data Sheet

TR100-A
Temperature Data Logger with Digital Display

Amprobe's Model TR100-A takes temperature reading in a compact size unit. Use the included Amprobe software for recording measurements to your personal computer. Set up these parameters for recording: Sample interval timing, Start/Stop, Date and Time, HI/LO Alarm Threshold, Unit Selection, and number of Memory points.

- **Instrument for indoor air quality monitoring**
- **Wall mountable**
- **Digital display**
- **Air Temperature displays in Celsius/Fahrenheit is selectable**
- **Offers visible LEDs warnings to monitor IAQ condition**
- **Small size design with USB interface.**
- **Memory points selection : 1000, 2000, 4000, 8000, 12000, 16000**
- **Includes USB Cable, Download Suite Software CD, User Manual and Battery**
- **IP65 rated for dust and moisture**

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)

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TESTERS AND TOOLS.COM
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Specifications

General	
Display	3¾ digit liquid crystal display (LCD) with a maximum reading of 1999
Sampling points	1K / 2K / 4K / 8K / 12K / 16K
Resolution	Temperature: 0.1°C / 0.1°F
LED	Red: Hi, LO Alarm; Yellow: Record
Low battery indication	The "Batt" is displayed when the battery voltage drops below the operating level
Auto power off	Approx 10 minutes
Operating environment	-10°C to 60°C (14°F to 140°F), 0 to 100 %RH
Storage temperature	-40°C to 85°C (-40°F to 185°F), 0 to 100 %RH
Measurement ranges	Temperature Internal sensor -40°C to 85°C (-40°F to 185°F) External probe -40°C to 100°C (-40°F to 212°F)
Sensor	Silicon photodiode and filter
Altitude	2000m, indoor operation
Power supply	1 X 3V coin battery IEC-CR2032
Battery life	2 years with 7200-sec sampling rate
Dimensions	75.5 x 53 x 23.5 mm (2.95 x 2.16 x 0.9 in)
Weight	0.02 kg (0.044 lb)
Accuracy	Temperature ± 0.6°C (-20°C to 50°C); ± 1.2°C for all others ± 1°F (-4°F to 122°F); ±1.2°F for all others
Mechanical	
IP Rating	IP65
Agency Approvals & Certifications	CE - EMC Conforms to EN61326-1

INCLUDED & REPLACEMENT PARTS

USB Cable
Download Suite CD
Instruction Manual

Amprobe® Test Tools
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