



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)



TR100-A Temperature Data Logger with Digital Display

Data Sheet

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
website: www.Amprobe.com
email: info@amprobe.com
Everett, WA 98203
Tel: 877-AMPROBE

Amprobe® Test Tools Europe
Amprobe Test Tools Europe
Beha-Amprobe GmbH
In den Engematten 14
79286 Glottertal, Germany
Tel.: +49 (0) 7684 8009 - 0

©2009 Amprobe Test Tools. All rights reserved.
4/2009 3358064 Rev B

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[AMPROBE:](#)

[TR100-A](#)