

Portable Temperature Data Logger

Part of the NOMAD® Family OM-TT01

Starts at
\$65



- ✓ **Selectable Temperature Range: -40 to 40°C or 0 to 80°C**
- ✓ **Programmable Alarm Limits with Integral Alarm LED Indicator**
- ✓ **2000 Readings**
- ✓ **12 Month Battery Life**
- ✓ **Water Resistant**
- ✓ **Compact Size**
- ✓ **Easy to Use**
- ✓ **Economical**

The OM-TT01 is a very low cost single-channel data logger for temperature ranges -40 to 40°C (-40 to 104°F) or 0 to 80°C (32 to 176°F), user selectable via internal jumper. Its compact size makes it ideal for applications requiring multiple loggers for critical temperature monitoring of products.

In addition to a green LED indicating the unit's active status, the logger features programmable alarm limits. If an alarm condition occurs, the red LED will flash, indicating that the logger has experienced temperature conditions outside pre-set parameters.

The stored temperature readings (up to 2000) can be downloaded to a computer through the RS-232 cable interface using the Windows software. Downloaded data can be saved or transferred in a file format compatible with most spreadsheet packages including Excel.

Specifications

Temperature Range:

-40 to 40°C (-40 to 104°F) or 0 to 80°C (32 to 176°F) user selectable by internal jumper

Accuracy: ±0.5°C

Resolution: <0.1°C

Memory: 2000 readings

Sample Rate: 60 sec to 24 hr, software programmable

Red Visual Indicator: Red LED flashes every 4 sec when alarm setpoint is exceeded

Green Visual Indicator: Green LED flashes every 8 sec when logging is active or every 16 sec when memory is full

Start Mode: Immediate start or programmed start delay

Sleep Mode: Logger goes into sleep mode when download is complete

Power: 3 V lithium battery (included)

Battery Life: >1 year typical

Computer Interface:

RS-232 serial interface

Software: WIN 98/NT/2000/XP

Enclosure: IP67

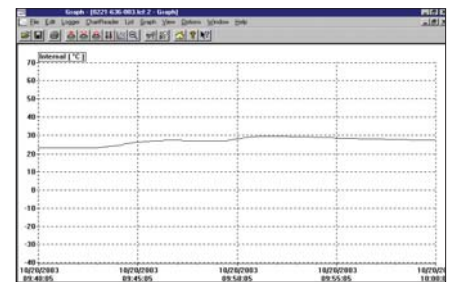
Operating Ambient: -40 to 80°C (-40 to 176°F), 5 to 95% RH non-condensing

Dimensions: 42 H x 27 W x 13 mm D (1.65 x 1.06 x 0.51")

Weight: 20 g (0.7 oz)



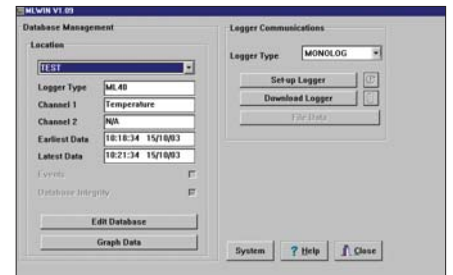
OM-TT01, \$65, shown larger than actual size



OM-MLWIN software displaying time-based graph of data

| Time | Temperature #1 | Temperature #2 |
|---------------|----------------|----------------|
| 11:18 2/15/03 | 22.3 | 22.3 |
| 11:19 2/15/03 | 22.3 | 22.3 |
| 11:20 2/15/03 | 22.3 | 22.3 |
| 11:21 2/15/03 | 22.3 | 22.3 |
| 11:22 2/15/03 | 22.3 | 22.3 |
| 11:23 2/15/03 | 22.3 | 22.3 |
| 11:24 2/15/03 | 22.3 | 22.3 |
| 11:25 2/15/03 | 22.3 | 22.3 |
| 11:26 2/15/03 | 22.3 | 22.3 |
| 11:27 2/15/03 | 22.3 | 22.3 |
| 11:28 2/15/03 | 22.3 | 22.3 |
| 11:29 2/15/03 | 22.3 | 22.3 |
| 11:30 2/15/03 | 22.3 | 22.3 |
| 11:31 2/15/03 | 22.3 | 22.3 |
| 11:32 2/15/03 | 22.3 | 22.3 |
| 11:33 2/15/03 | 22.3 | 22.3 |

OM-MLWIN software displaying tabular formatted data



OM-MLWIN software logger configuration screen

AVAILABLE FOR FAST DELIVERY!

| To Order (Specify Model Number) | | |
|--|-------|--|
| Model No. | Price | Description |
| OM-TT01 | \$65 | Temperature data logger (requires OM-MLWIN Windows software and OM-TTLINK RS-232 cable, see below) |
| OM-TTLINK | 21 | 1.2 m (4') RS-232 cable with DB9F termination |
| OM-MLWIN | 20 | Windows software |
| OM-TT-BATT | 6 | Replacement 3 V lithium battery |

Each unit comes complete with operator's manual.

Ordering Example: OM-TT01 temperature data logger, OM-MLWIN Windows software and OM-TTLINK 1.2 m (4') RS-232 cable with DB9F termination, \$65 + 20 + 15 = \$100.



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• Heaters

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