



THL1

Temperature/Humidity USB Datalogger

LOG TEMPERATURE & HUMIDITY VALUES FOR LATER ANALYSIS

- **32,000 Data Points**
 - 16,000 Temperature
 - 16,000 RH% (Relative Humidity)

- **Analysis software**
 - Dew point calculation
 - Charting of results
 - Export to other file formats

- **USB interface and Windows™ compatible**

- **Magnetic mount**

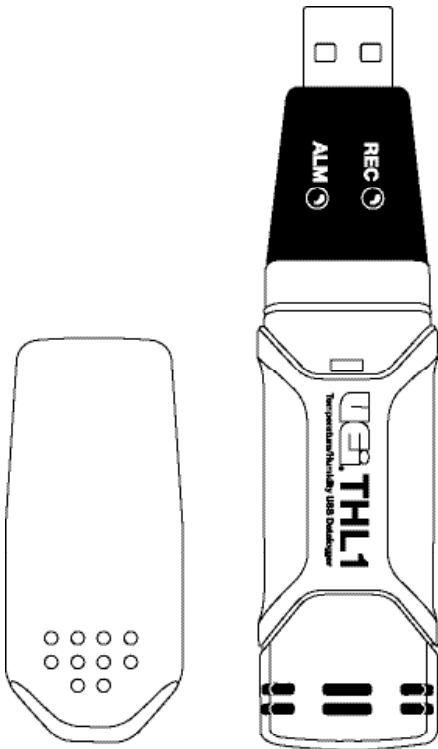


THL1 • Temperature/Humidity USB Datalogger

Use the UEi THL1 to log temperature and humidity values for later analysis. Verify cold storage requirements are being met, or test temperatures and humidity for comfort analysis.

The THL1 has the following features:

- 32,000 data points (16,000 Temperature, 16,000 Relative Humidity)
- Analysis software with dew point calculation, charting of results, and export to other file formats
- USB interface and Windows™ compatible software
- Instant or manual start
- Alarm LED's with user selectable values
- Magnetic mount
- Long battery life
- One year limited warranty



Specifications

Relative Humidity	Overall range	0 to 100%
	Accuracy (0 to 20 and 80 to 100%)	±5.0%
	Accuracy (20 to 40 and 60 to 80%)	±3.5%
	Accuracy (40 to 60%)	3.0%
Temperature	Overall range	-40° to 158°F (-40° to 70°C)
	Accuracy (-40° to +14 and 104° to 158°F)	±3.6°F
	Accuracy (+14° to +104°F)	±1.8°F
	Accuracy (-40° to -10° and +40° to +70°C)	±2°C
	Accuracy (-10° to +40°C)	±1°C
Dew Point Temperature	Overall range	-40° to 158°F (-40° to 70°C)
	Accuracy (25°C, 40 to 100% RH)	±4.0°F (2.0°C)
Logging Rate	Selectable sampling interval: From 2 seconds up to 24 hours.	
Operating Temperature	-31° to 175°F (-35° to 80°C)	
Battery Type	3.6V lithium (1/2AA) (SAFT LS14250, Tadiran TL-5101 or equivalent)	
Battery Life	1 year (typ.) depending on logging rate, ambient temperature and use of alarm LEDs.	
Dimensions	101 x 25 x 23 mm (4 x 1 x 9")	
Weight	172 g (6 oz)	

NOTE: This instrument requires a computer with a USB interface to operate.

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