Fourtec MicroLite LITE5008L USB Temperature Data Logger

Product Images

Short Description

This MicroLite logger includes an internal temperature sensor measuring over a range of -40 to 80 ˚C (-40 to 176 °F), with accuracy of ±0.3 ˚C. Offering 8,000 sample cyclic memory, the MicroLite Temp logger features a USB interface for easy connection to a PC for user configuration, data download and sensor calibration using the free Windows-based DataSuite data analysis software.

You can setup low and high alarm thresholds and view the logger data on the 4-digit LCD, which scrolls between the current and minimum/maximum readings. The LED provides additional sample and alarm indication.

The logger is designed for both portable and stationary multi-use operation with a replaceable 3V coin

https://www.tempcon.co.uk/microlite-usb-temperature-data-logger

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battery lasting up to 1.5 years, depending on the operating conditions.

The MicroLite is dust and water resistant to IP67 standard, and together with the DataSuite software is 21 CFR Part 11 compliant.

Description

Key product benefits:

- Measurement range of -40 to 80 °C
- Direct USB interface for setup, alarm and data download
- Supporting Boomerang feature for automatic emailing of PDF report on PC connection
- Multiple activation modes: Timer, Push to Run, Immediate
- LED for alarm and sampling indication
- Four-digit LCD with decimal point
- Up to 8K cyclic sample memory
- Free DataSuite software supporting data analysis and device setup
- Dust and water resistant, IP67

Additional Information

Brand	Fourtec
Measurements	Temperature
Typical applications	Cold Chain, Environmental (Outdoor), Field Research, Food Safety, Product Safety, Vaccine Storage

Explanation			
	Temperature Range		**-40 to 80 °C (-40 to 176 °F)**
	Temperature Accuracy		**±0.3˚C @ 0 to 60 ˚C**
	After calibration only		**±0.3 ˚C @ -40 to 0 ˚C and 60 to 80 ˚C**
	Temperature Resolution		**0.03 °C or better**
	Sample Memory		**8,000 samples**
	Sampling Rate Minimum		**Once every second Maximum: Once every 18 hours**
	Auto PDF & Email Delivery (Boomerang Feature)		**Yes**
	LCD		**Four-digit, 7-segment LCD with decimal point**
	LED		**Yes, for alarm and sampling indication**
	PC Interface		**Direct USB**
	Battery Type		**Replaceable CR2032 3V lithium battery**
	Battery Life		**~ 1.5 years depending on sampling rate and operating conditions**
	Dimensions		**11 x 3.9 x 2.6 cm**
	Weight		**45.5 g**
	Wall Mount		**Logger cradle accessory provided**
	Operating Environment		**-40 to 80 °C**
	Standards Compliance		**21 CFR Part 11, CE, EN12830, IP67**
Power	Battery only		