

MICROTEMP SPECIFICATIONS*

Temperature Sensor:	Internal Semiconductor
Temperature Range:	-40 °C to +80 °C (-40 °F to +176 °F)
Temperature Resolution:	0.1 °C
Calibrated Accuracy:	±0.5 °C (±0.9 °F)
Alarm:	Programmable high and low limits; Alarm is activated when temperature reaches or exceeds set limits.
Activity Indicator:	Green LED blinks to indicate device has been started, red LED blinks if an alarm condition exists.
Calibration:	Digital calibration through software
Calibration Date:	Automatically recorded within device
Real Time Recording:	May be used with PC to monitor and record data in real time
Memory:	32,767 readings; software configurable memory wrap
Reading Rate:	1 reading every 2 seconds up to 1 reading every 12 hours
Start Modes:	Software programmable immediate start or delay start up to six months in advance

Data Format:	Date and time stamped °C, °F, K, °R
Battery Type:	3.6V lithium battery included, user replaceable
Battery Life:	1 year typical at +25 °C, 1 minute reading intervals
Time Accuracy:	±1 minute/month at +20 °C
Computer Interface:	PC serial or USB (interface cable required); 38,400 baud
Software:	XP SP3/Vista/Windows 7/Windows 8
Operating Environment:	-40 °C to +80 °C (-40 °F to +176 °F), 0 %RH to 100 %RH
Submersible:	Up to 230 ft. (70 m)
Dimensions:	2.6 in x 0.7 in dia. (66 mm x 18 mm dia.)
Weight:	1.8 oz (50 g)
Material:	316L Stainless Steel (food grade)
Approvals:	CE Compliant, Approved for carriage on Delta® mainline flights

BATTERY WARNING: WARNING: FIRE, EXPLOSION, AND SEVERE BURN HAZARD. DO NOT SHORT CIRCUIT, CHARGE, FORCE OVER DISCHARGE, CRUSH, PENETRATE, OR INCINERATE. BATTERY MAY LEAK OR EXPLODE IF HEATED ABOVE 100 °C (212 °F).

*SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE. SPECIFIC WARRANTY REMEDY LIMITATIONS APPLY. CALL 1-603-456-2011 OR GO TO WWW.MADGETECH.COM FOR DETAILS.

ORDERING INFORMATION

MODEL	DESCRIPTION
MICROTEMP	Miniature Submersible Temperature Recorder
IFC102	Software, manual and RS232 interface cable for Micro Series.
IFC202	Software, manual and USB interface cable for Micro Series.
NIST	NIST Calibration Certificate
ER14250	Replacement battery for MicroTemp
SVP-Secure	Protocols for validating the 21 CFR Part 11 ready, secure data logging system
SVP-Secure License	License for MadgeTech SVP-Secure Software (unlimited users, license per computer)

ASK ABOUT OUR OTHER DATA LOGGERS

- Temperature
- Humidity
- Pressure
- pH Level
- Shock
- LCD Display
- Pulse/Event/State
- Current
- Voltage
- Wireless
- Intrinsically Safe
- Spectral Vibration
- Motion

For Quantity Discounts call 603-456-2011 or email sales@madgetech.com