



## MICROTEMP SPECIFICATIONS\*

<b>Temperature Sensor:</b> Internal Semiconductor	<b>Reading Interval:</b> 1 reading every 2 seconds to 1 every 12 hours
<b>Temperature Range:</b> -40 to +80°C	<b>Start Time:</b> Software programmable start time and date, up to six months in advance
<b>Temperature Resolution:</b> 0.1°C	<b>Data Format:</b> Date and time stamped °C, °F, K, °R
<b>Calibrated Accuracy:</b> ±0.5°C (0 to +50°C)	<b>Power:</b> 3.6V lithium battery included
<b>Alarm:</b> Programmable high and low limits; Alarm is activated when temperature reaches or exceeds set limits.	<b>User Replaceable Battery:</b> 1 year typical at 25°C, 1 minute reading intervals
<b>Activity Indicator:</b> Green LED blinks to indicate device has been started, red LED blinks if an alarm condition exists.	<b>Time Accuracy:</b> ±1 minute/month at 20°C
<b>Calibration:</b> Digital calibration through software	<b>Computer Interface:</b> PC serial or USB (interface cable required); 38,400 baud
<b>Calibration Date:</b> Automatically recorded within device	<b>Software:</b> Windows 95/98/ME/NT/2000/XP based software
<b>Real Time Recording:</b> May be used with PC to monitor and record data in real time	<b>Operating Environment:</b> -40 to +80°C, 0 to 100%RH
<b>Memory:</b> 32,767 readings; software configurable memory wrap	<b>Submersible:</b> Up to 150 ft.
	<b>Dimensions:</b> 2.6" X 0.7" dia. (66mm x 18mm dia.)
	<b>Weight:</b> 1.8 oz (50 g)
	<b>Material:</b> 316L Stainless Steel (food grade)
	<b>Approvals:</b> CE Compliant

BATTERY WARNING: RISK OF FIRE AND BURNS. DO NOT RECHARGE, SHORT, DISASSEMBLE, HEAT ABOVE 100°C OR INCINERATE.

## SOFTWARE FEATURES

<b>Multiple Graphs:</b> Simultaneously analyze data from several units or deployments; easily switch to a single data series	<b>Statistics:</b> Calculate averages, min, max, standard deviation, and mean kinetic temperature with the touch of a button
<b>Real-Time Recording:</b> Collect and display data in real-time while continuing to log	<b>Export Data:</b> Export data in a variety of common formats, or switch to Excel® with a single click
<b>Graphical Cursor:</b> One click displays readings by time, value, parameter or sample number	<b>Calibration:</b> Automatically calculate and store calibration parameters
<b>Data Table:</b> Instantly access tabular view for detailed dates, times, values, and annotations	<b>Logger Configuration:</b> Easy set up and launch of data loggers with immediate or delayed start, preferred sample rate, and device ID
<b>Scaling Options:</b> Autoscale function fits data to the screen, or allows user to manually enter their own values	<b>Communications:</b> Automatically sets up communications port, or lets user select configuration
<b>Formatting Options:</b> Change colors, line styles, plotting options, show or hide channels quickly	<b>Printing:</b> Automatically print graphical or tabular data

\*SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE. SPECIFIC WARRANTY AND REMEDY LIMITATIONS APPLY.

## ORDERING INFORMATION

<u>Model</u>	<u>Description</u>	<u>Price (U.S.)</u>
MICROTEMP	Miniature Submersible Temperature Recorder	\$199.00
IFC110	Software, manual and RS232 interface cable	\$99.00
IFC200	Software, manual and USB interface cable	\$119.00
NIST	N.I.S.T. Calibration Certificate	Call for Pricing
ER14250	Replacement battery for MicroTemp	\$10.00



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