



## MICRORHTEMP SPECIFICATIONS\*

<b>Temperature Sensor:</b> Semiconductor	<b>Memory:</b> 16,383 readings per channel
<b>Temperature Range:</b> 0 to +50°C	<b>Reading Interval:</b> 1 reading every 2 seconds to 1 every 12 hours
<b>Temperature Resolution:</b> 0.1°C	<b>Time Accuracy:</b> ±1 minute/month @ 20°C
<b>Calibrated Accuracy:</b> ±0.5°C	<b>Data Format:</b> Date and time stamped °C, °F, K, °R; %RH, mg/ml water vapor concentration
<b>Humidity Sensor:</b> Semiconductor	<b>Power:</b> 2 - 1.55V SR1154W batteries included
<b>Humidity Range:</b> 0 to 95%RH	<b>Battery Life:</b> 1 year typical (15 minute reading rate, 25 °C)
<b>Humidity Resolution:</b> 0 to 95%RH	<b>Activity Indicator:</b> Green LED blinks every 15 seconds to indicate device has been started
<b>Calibrated Accuracy:</b> ±3.0%RH (±2.0%RH typical @ 25°C)	<b>Temperature Alarm:</b> Programmable temperature alarm with high and low limits selectable in software; when logged data reaches or exceeds either limit, the red LED blinks every three seconds
<b>Specified Accuracy Range:</b> +10 to +40°C, 10 to 80%RH	<b>Computer Interface:</b> PC serial or USB (interface cable required) 38,400 baud
<b>Response Time:</b> 90% change in 60 seconds in slow moving air	<b>Software:</b> Windows 95/98/ME/NT/2000/XP based software
<b>Calibration:</b> Digital calibration through software	<b>Operating Environment:</b> 0 to +50°C, 0 to 95%RH non-condensing
<b>Start Time:</b> Software programmable start time and date, up to six months in advance	<b>Dimensions:</b> 1.5" x 0.6" dia. (39mm x 16mm dia.)
<b>Real Time Recording:</b> May be used with PC to monitor and record data in real time	<b>Weight:</b> 1 oz (30 g)
	<b>Enclosure:</b> 303 stainless steel
	<b>Approvals:</b> CE

BATTERY WARNING: DO NOT DISPOSE OF IN FIRE OR RECHARGE—MAY EXPLODE OR LEAK AND CAUSE PERSONAL INJURY.

## 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>Graphical Cursor:</b> One click displays readings by time, value, parameter or sample number	<b>Export Data:</b> Export data in a variety of common formats, or switch to Excel® with a single click
<b>Data Table:</b> Instantly access tabular view for detailed dates, times, values, and annotations	<b>Calibration:</b> Automatically calculate and store calibration parameters
<b>Scaling Options:</b> Autoscale function fits data to the screen, or allows user to manually enter their own values	<b>Logger Configuration:</b> Easy set up and launch of data loggers with immediate or delayed start, preferred sample rate, and device ID
<b>Formatting Options:</b> Change colors, line styles, plotting options, show or hide channels quickly	<b>Communications:</b> Automatically sets up communications port, or lets user select configuration

\*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>
MicroRHTemp	Miniature Humidity and Temperature Recorder	\$299.00
IFC102	Software, manual and RS232 interface cable for Micro Series	\$ 99.00
IFC202	Software, manual and USB interface cable for Micro Series	\$119.00
NIST	N.I.S.T. Calibration Certificate	Call for Pricing
SR1124W	Replacement battery for MicroRHTemp	\$5.00



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