

HITEMP150 SPECIFICATIONS*

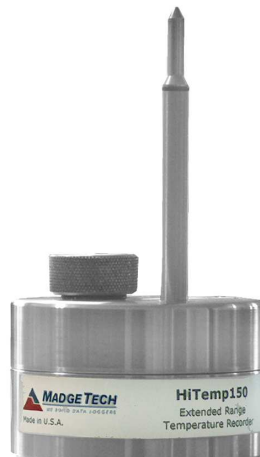
Temperature Sensor: 100Ω Platinum RTD	Calibration: Digital calibration through software
Temperature Range: -40 to +150°C	Calibration Date: Automatically recorded within device
Temperature Resolution: 0.05°C	Battery Type: 3.9V high-temperature lithium battery included
Calibrated Accuracy: ±0.5°C	Battery Life: 1 year typical (1 minute reading rate @ 25°C)
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
Real Time Recording: May be used with PC to monitor and record data in real time	Time Accuracy: ±1 minute/month at 20°C (RS232 cable not in use)
Memory: 32,767 readings	Computer Interface: PC serial or USB (Interface cable required); 2,400 baud
Reading Rate: One second up to once every 12 hours.	Software: Windows 95/98/ME/NT/2000/XP/Vista based software
	Operating Environment: -40 to +150°C, 0 to 100%RH
	Dimensions (Body): 1.1" x 1.75" dia. (28mm x 45mm dia.)
	Dimensions (Probe): 2.0" x 3/16" dia. (50mm x 5mm dia.)
	‡ <i>Other probes available</i>
	Weight: 8 oz (225 g)
	Material: 316 Stainless Steel
	Approvals: CE

WARNING: FIRE, EXPLOSION, AND SEVERE BURN HAZARD. DO NOT SHORT CIRCUIT, CHARGE, FORCE OVERDISCHARGE, DISASSEMBLE, CRUSH, PENETRATE OR INCINERATE. BATTERY MAY LEAK OR EXPLODE IF HEATED ABOVE 150°C (302°F).

SOFTWARE FEATURES

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

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



HITEMP150FP SPECIFICATIONS*

Temperature Sensor: 100Ω Platinum RTD	Data Format: Date and time stamped °C, °F, K, °R
Temperature Range: -40 to +150°C	Time Accuracy: ±1 minute/month at 20°C (RS232 cable not in use)
Temperature Resolution: 0.05°C	Computer Interface: PC serial or USB (interface cable required); 2,400 baud
Calibrated Accuracy: ±0.5°C (Over 100°C span)	Software: Windows 95/98/ME/NT/2000/XP/Vista based software
Start Modes: Software programmable immediate start or delay start up to six months in advance	Operating Environment: -40 to +150°C, 0 to 100% RH
Real Time Recording: May be used with PC to monitor and record data in real time	Dimensions (Body): 1.1" x 1.75" dia. (28mm x 45mm dia.)
Memory: 32,767 readings	Dimensions (Cable*): 2.0' x .14" dia. (610 mm x 4mm dia.)
Reading Rate: One second up to once every 12 hours.	Dimensions (Probe Handle): 1½" x 3/8" dia. (39mm x 10 mm dia.)
Lethality Equations: Sterilization unit and Pasteurization units are available in the software with a click of a button	Dimensions (Probe): 4" x 1/8" dia. (102mm x 4mm dia.) <i>(Other Probe lengths available upon request)</i>
Calibration: Digital calibration through software	Material (Body & Probe): 316 stainless steel
Calibration Date: Automatically recorded within device	Material (Cable): Teflon cable
Battery Type: 3.9V high-temperature lithium battery included	Approvals: CE
Battery Life: 1 year typical (1 min. reading rate @ 25°C)	Weight: 9 oz (255 g)

WARNING: FIRE, EXPLOSION, AND SEVERE BURN HAZARD. DO NOT SHORT CIRCUIT, CHARGE, FORCE OVERDISCHARGE, DISASSEMBLE, CRUSH, PENETRATE OR INCINERATE. BATTERY MAY LEAK OR EXPLODE IF HEATED ABOVE 150° C (302° F).

SOFTWARE FEATURES

Multiple Graphs: Simultaneously analyze data from several units or deployments; easily switch to a single data series	Statistics: Calculate average, min, max, standard deviation, and mean kinetic temperature with the touch of a button
Real-Time Recording: Collect and display data in real-time while continuing to log	Export Data: Export data in a variety of common formats, or switch to Excel® with a single click
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