

HITEMP150FP SPECIFICATIONS*

*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.

Temperature Sensor:	100Ω Platinum RTD
Probe Measurement Range:	-40 °C to +260 °C
Temperature Resolution:	0.05 °C
Calibrated Accuracy:	±0.5 °C (Over 100 °C span)
Start Modes:	Software programmable immediate start or delay start up to six months in advance.
Real Time Recording:	May be used with PC to monitor and record data in real time.
Memory:	32,767 readings
Reading Rate:	One second up to once every 12 hours
Lethality Equations:	Sterilization unit and Pasteurization units are available in the software with a click of a button.
Calibration:	Digital calibration through software
Calibration Date:	Automatically recorded within device
*Battery Type:	3.6V high-temperature lithium battery included *Must be sent to MadgeTech for battery replacement.
Battery Life:	1 year typical (1 min. reading rate @ 25°C)

Data Format:	Date and time stamped °C, °F, K, °R
Time Accuracy:	±1 minute/month at 20 °C (RS232 cable not in use)
Computer Interface:	PC serial or USB (interface cable required); 2,400 baud
Software:	XP SP3/Vista/Windows 7/Windows 8
Operating Environment:	-40 °C to +150 °C, 0 to 95% RH non-condensing**
Dimensions (Body):	1.1" x 1.75" dia. (28 mm x 45 mm dia.)
Dimensions (Cable*):	2.0' x .14" dia. (610 mm x 4 mm dia.)
Dimensions (Probe Handle):	1½" x 3/8" dia. (39 mm x 10 mm dia.)
Dimensions (Probe):	4" x 1/8" dia. (102 mm x 4 mm dia.)
	(Other probe lengths available upon request)
Material (Body & Probe):	316 Stainless Steel
Material (Cable):	TEFLON® cable
Weight:	9 oz (255 g)
Approvals:	CE

**The HiTemp150FP is not intended for wet or submersible applications.

BATTERY 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).

ORDERING INFORMATION

MODEL	DESCRIPTION	PRICE (U.S.)
HITEMP150FP	Extended Range Temperature Recorder with Flexible Probe	\$499.00
IFC110	Software, manual and RS232 interface cable	\$99.00
IFC200	Software, manual and USB interface cable	\$119.00
*NIST	NIST Calibration Certificate	\$60.00
SVP –Secure	Protocols for validating the 21 CFR Part 11 ready, secure data logging system	\$600.00
SVP-Secure License	License for MadgeTech SVP-Secure Software (unlimited users, license per computer)	\$1000.00

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- Spectral Vibration
- Motion

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

*To order the product with the NIST certificate add -CERT to the end of the part number and add \$60.00 to the price.