

HITEMP150-PT

DATA LOGGER WITH 24" STAINLESS STEEL FLEXIBLE PROBE



Features

- High accuracy
- Operates up to 150 °C
- 24 inch flexible probe
- Reusable
- Submersible
- NIST traceable
- User-friendly
- Rugged

Benefits

- Simple Setup and Installation
- Minimal Long-Term Maintenance
- Long-Term Field Deployment
- No thermocouple wires

Applications

- Autoclave Verification
- Implement HACCP Programs
- Food preparation and processing
- Dish washer testing
- Pasteurization
- Oven monitoring
- Smoke houses

The HiTemp150-PT is a submersible, temperature logger that can operate up to 150 °C and has a 24 inch flexible, stainless steel probe. The probe is durable and can be spiraled, bent or angled in any direction, making it easy to log temperatures within bottles, vials or other hard to reach places.

The HiTemp150-PT can measure and record temperatures between -200 °C and 260 °C. Users can select reading rate options from 1 reading every second to one every 12 hours. The storage medium is non-volatile solid state memory, providing maximum data security even if the battery becomes discharged.

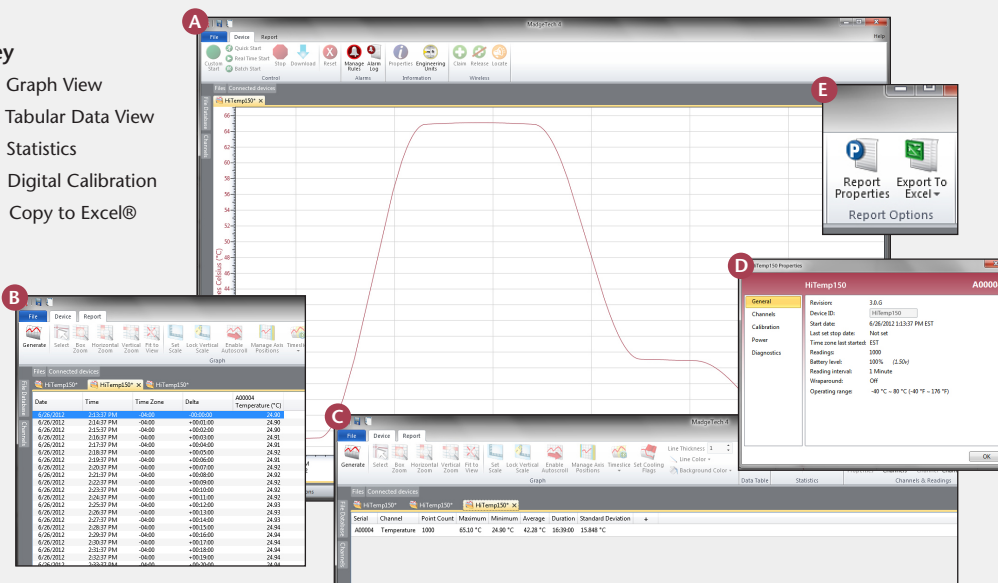
The device can be started and stopped directly from a computer and the HiTemp150-PT's compact design and ultra flexible probe allows it to fit almost anywhere. The MadgeTech software allows users to view the data in graph and summary views and print professional reports.



MADGETECH DATA LOGGER SOFTWARE

Key

- A** Graph View
- B** Tabular Data View
- C** Statistics
- D** Digital Calibration
- E** Copy to Excel®



- ### Software Features:
- Multiple graph overlay
 - Statistics
 - Digital calibration
 - Zoom in/ zoom out
 - Lethality equations (F0, PU)
 - Mean Kinetic Temperature
 - Full time zone support
 - Data annotation
 - Min./Max./Average lines
 - Data table view
 - Automatic report generation
 - Summary view
 - Multilingual

HITEMP150-PT SPECIFICATIONS*

Temperature Sensor:	100 Ω Platinum RTD
Probe Measurement Range:	-200 °C to +260 °C
Temperature Resolution:	0.05 °C
Calibrated Accuracy:	±0.5 °C
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:	1 reading every second up to 1 reading every 12 hours
*Battery Type:	3.6V high-temperature lithium battery included *Must be sent to MadgeTech for battery replacement.
Battery Life:	1 year typical (1 minute reading rate at 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
Standard Software:	XP SP3/Vista/Windows 7/Windows 8
Operating Environment:	-40 °C to +150 °C, 0 %RH to 100 %RH
Dimensions (Body):	1.1 in x 1.75 in dia. (28 mm x 45 mm dia.)
Dimensions (Probe):	<ul style="list-style-type: none"> Probe tip: 0.125 in OD x 1.5 in L Flexible portion*: 24 in x 0.062 in OD dia.
Weight:	8 oz (225 g)
Material	316 Stainless Steel
Approvals:	CE

BATTERY 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 150 °C (302 °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	PRICE (U.S.)
HITEMP150-PT	Data logger with 24" stainless steel flexible probe	\$549.00
IFC110	Software, manual and RS232 interface cable	\$99.00
IFC200	Software, manual and USB interface cable	\$119.00
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
*NIST	NIST Calibration Certificate	\$60.00

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

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