

TRANSITEMP-RH

IN-TRANSIT TEMPERATURE & HUMIDITY DATA LOGGER

Features

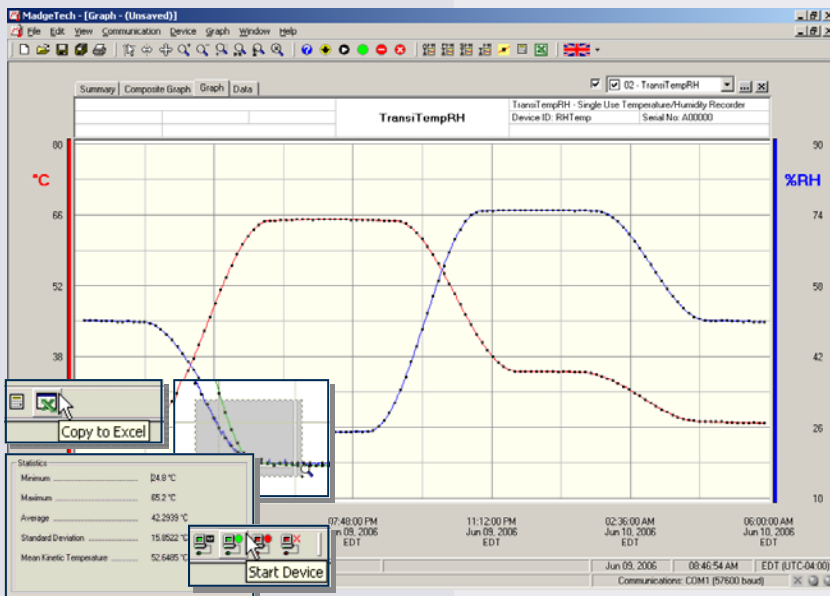
- Single Use or Multi Use
- Low cost
- Unparalleled quality and performance
- User-friendly
- Convenient size
- Push button start
- User selectable reading rate
- Wide temperature range
- Programmable alarm
- Instantaneous out of range indication



Applications

- Implement HACCP programs
- Cold chain monitoring
- Verify products are stored and shipped at safe temperatures
- Monitor refrigerated cars
- Medical and Pharmaceutical shipment verification
- Replace costly strip chart recorders

The TransiTemp-RH is a low cost temperature and humidity recorder designed to allow the user to easily monitor temperature and humidity fluctuations over time during shipment or storage of goods. This all-in-one, compact, portable, easy to use device will measure and record up to 8,191 measurements. The storage medium is non-volatile solid state memory, providing maximum data security even if the battery becomes discharged. The device can be started by holding down a recessed push button. Once started a green LED indicator light will blink once for 30 seconds to indicate that the device is active. A second red LED indicator will blink at 3 second intervals if the temperature goes above or below the selected alarm settings. The TransiTemp-RH makes data retrieval quick and easy. Simply plug it in to an empty COM or USB port and our user-friendly software will do the rest.



MadgeTech Data Recorder Software

displays humidity and temperature data in an easy to use graph.

The Windows®-based software package allows the user to effortlessly collect, display and analyze data. A variety of powerful tools allow you to examine, export, and print professional looking data with just a click of the mouse.

Click [MadgeTech Software](#) for more information or to download the software.

TRANSITEMP-RH SPECIFICATIONS*

Temperature Sensor: Semiconductor	Start Modes: Pushbutton start, or software programmable immediate start or delay start up to 30 days in advance.
Temperature Range: -20 to +70°C	Temperature Alarm: Programmable temperature alarm with high and low limits selectable in software; When logged data reaches or exceeds either limit, red LED blinks every three seconds
Temperature Resolution: 0.1°C	Activity Indicator: Green LED blinks every 15 seconds to indicate device has been started.
Accuracy: ±0.5°C (-10 to +40°C), ±1.0°C (-20 to +70°C)	Time Accuracy: ±2 minute/month at 25°C.
Humidity Sensor: Semiconductor	Battery Type: 3V lithium coin cell included, 2 year shelf life, user replaceable
Humidity Range: 0 to 90%RH	Battery Life: 90-120 days typical @ 25°C, 5 min. reading rate
Humidity Resolution: 0.1%RH	Computer Interface: PC serial or USB (Interface cable required); 38,400 baud
Accuracy: ±3.5%RH (20 to 80%RH) ±5%RH (0 to 90%RH)	Software: XP SP3/Vista/Windows 7
Specified Accuracy Range: +10 to +40°C, 10 to 80%RH	Operating Environment: -20 to +70°C, 0 to 90%RH non-condensing
Data Format: Date and time stamped °C, °F; %RH, mg/ml water vapor concentration	Dimensions: 1.9" x 3.6" x 0.7" (49mm x 92mm x 18mm)
Reading Rate: 1 reading every 5 seconds to 1 every 30 minutes, selectable in software	Weight: 1.4 oz (38 g)
Memory: 8,191 readings per channel; 16,382 total readings	

BATTERY WARNING: FIRE, EXPLOSION, BURN HAZARD. DO NOT OPEN BATTERY, DISPOSE IN FIRE, HEAT ABOVE 100°C (212°F), EXPOSE CONTENTS TO WATER, RECHARGE, PUT IN BACKWARDS, MIX WITH USED OR OTHER BATTERY TYPES—MAY EXPLODE OR LEAK AND CAUSE PERSONAL INJURY.

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	

*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.

ORDERING INFORMATION

Model	Description	Price (U.S.)
TRANSITEMP-RH	Single-use, In-transit Humidity and Temperature Recorder	\$39.00
TRANSITEMP-RH-MULTI	Multi-use, In-transit Humidity and Temperature Recorder	\$99.00
IFC110	Software, manual and RS232 interface cable	\$99.00
IFC200	Software, manual and USB interface cable	\$119.00
CR2032	Replacement battery for TransiTemp-RH-Multi	\$5.00

ASK ABOUT OUR OTHER DATA RECORDERS

Temperature	Pulse/Event/State
Humidity	Low Level Current
Pressure	Low Level Voltage
pH	RF Transmitters
Level	Intrinsically Safe
Shock	Spectral Vibration
LCD Display	

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

