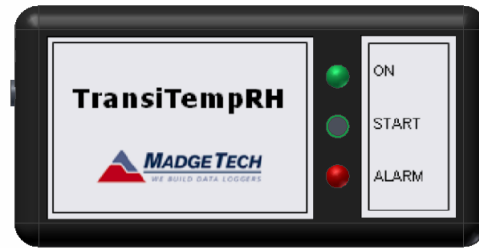


FEATURES

- ❖ Single-use/Multi-Use
- ❖ Low cost
- ❖ Unparalleled quality & performance
- ❖ User-friendly
- ❖ Convenient size
- ❖ Push button start
- ❖ User selectable reading rate
- ❖ Extensive temperature range
- ❖ Programmable alarm
- ❖ Instantaneous out of range indication



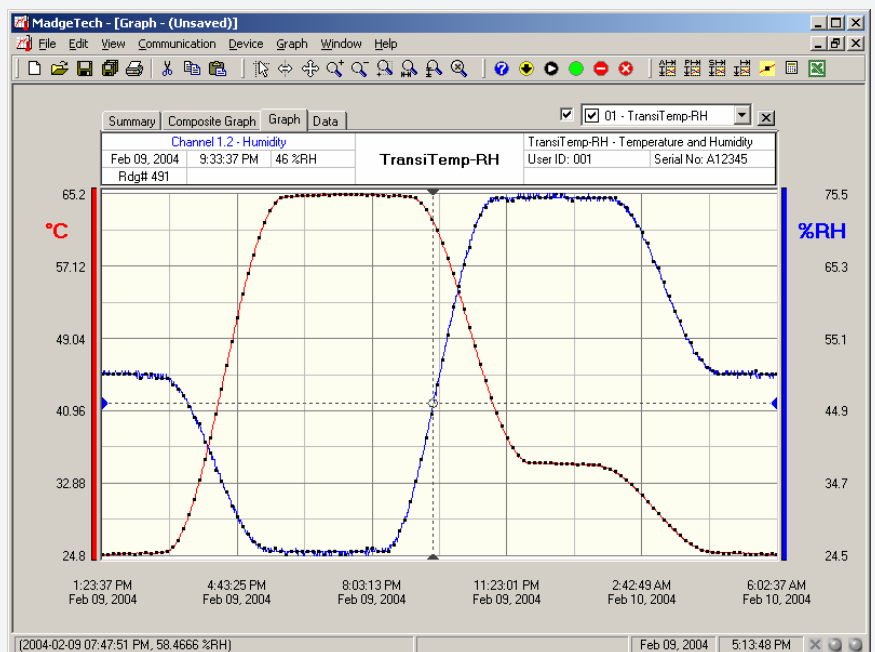
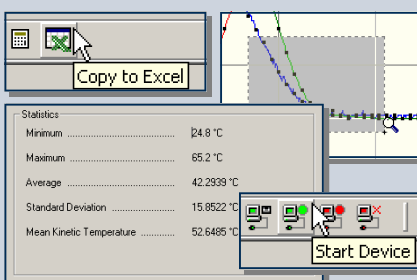
APPLICATIONS

- ❖ Implement HACCP programs
- ❖ Cold chain monitoring
- ❖ Verify products are stored and shipped at safe temperatures
- ❖ Monitor refrigerated cars
- ❖ Medical/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 per channel. 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 twice 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 port and our user-friendly software will do the rest.

SOFTWARE

MadgeTech's Data Recorder Software is an easy to use Windows-based software package that 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.



Demo our software at www.madgetech.com

Temperature Sensor: Semiconductor
Temperature Range: -30 °C to +70 °C
Temperature Resolution: 0.1 °C
Accuracy: ±0.5 °C (-10 °C to +40°C),
±1.0 °C (-30 °C to +70°C)

Humidity Sensor: Semiconductor
Humidity Range: 0 to 100 %RH
Humidity Resolution: 0.5 %RH
Accuracy: ±3.5 %RH (20 to 80 %RH)
±5 %RH (0 to 100 %RH)

Data Format: Date and time stamped °C, °F;
%RH, mg/ml water vapor
concentration

Reading Interval: 1 reading every 5 seconds to 1
every 4 hours, selectable in
software

Memory: 8,191 readings per channel
(>85 days at 1 reading/15 minutes)

Start Time: Pushbutton start, or programmable start time and
date up to six months in advance.

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

Activity Indicator: Green LED blinks every 15 seconds to indicate
device has been started.

Time Accuracy: ±2 minute/month at 25 °C.
Power: 3V lithium coin cell included, 2 year shelf life
Battery Life: 90-120 days typical at 25 °C, 5 minute reading
intervals

Computer Interface: PC serial or RS232C COM (Interface cable
required); 38,400 baud
Software: Windows 95/98/ME/NT/2000/XP based software

Operating Environment: -30 °C to +70 °C, 0 to 90 %RH non-condensing
Dimensions: 1.9" x 3.6" x 0.7" (46mm x 90mm x 18mm)
Weight: 2 oz (60 g)

SOFTWARE FEATURES

Multiple Graphs: Simultaneously analyze data from
several units or deployments; easily
switch to a single data series

Real-Time Recording: Collect and display data in real-time
while continuing to log

Graphical Cursor: One click displays readings by time,
value, parameter or sample number

Data Table: Instantly access tabular view for
detailed dates, times, values, and
annotations

Scaling Options: Autoscale function fits data to the
screen, or allows user to manually
enter their own values

Formatting Options: Change colors, line styles, plotting
options, show or hide channels in an
instant

Statistics: Calculate averages, min, max, standard
deviation, and mean kinetic temperature with
the touch of a button

Export Data: Export data in a variety of common formats, or
switch to Excel with a single click

Calibration: Fully digital calibration function automatically
stores parameters in device

Logger Configuration: Easy set up and launch of data loggers with
immediate or delayed start, preferred sample
rate, and device ID

Communications: Automatically sets up communications port, or
lets user set configuration

Printing: Automatically print graphical or tabular data

*As part of our commitment to continuous product improvement, MadgeTech reserves the right to change product specifications without notice

ORDERING INFORMATION

Model	Description
TRANSITEMP-RH	In-Transit Temperature & Humidity Recorder
IFC110	Software, manual and 9-pin computer interface cable

ASK ABOUT OUR OTHER DATA RECORDERS

Temperature	pH
Humidity	Level
Pressure	Shock/Vibration
Bridge/Strain	Submersible
Current	Intrinsically Safe
Pulse/Event	RF Transmitters
Voltage	Multi-parameter