

FUZYPRO1TRH_T

In-Transit Temperature & Humidity Recorder

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



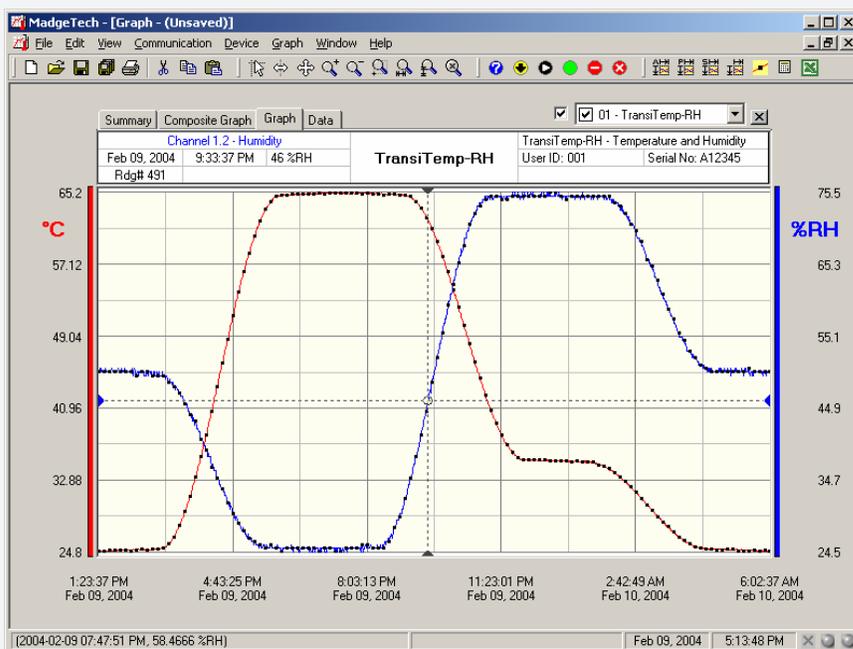
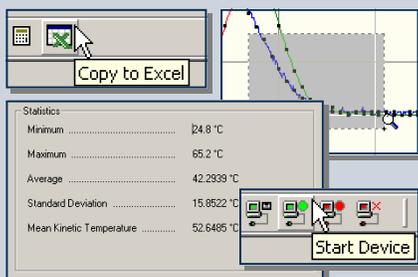
APPLICATIONS

- ❖ 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

FUZYPRO'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.



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, FUZYPRO reserves the right to change product specifications without notice

ORDERING INFORMATION		ASK ABOUT OUR OTHER DATA RECORDERS	
Model	Description	Temperature	pH
TRANSITEMP-RH	In-Transit Temperature & Humidity Recorder	Humidity	Level
IFC110	Software, manual and 9-pin computer interface cable	Pressure	Shock/Vibration
		Bridge/Strain	Submersible
		Current	Intrinsically Safe
		Pulse/Event	RF Transmitters
		Voltage	Multi-parameter