

# 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



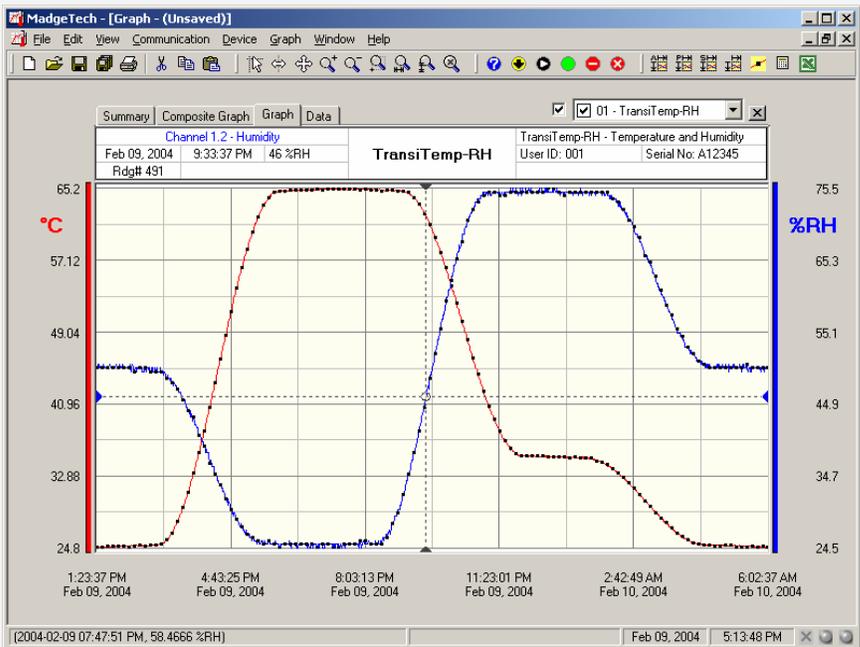
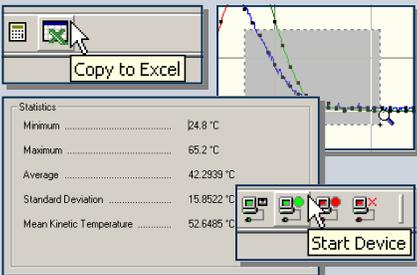
### APPLICATIONS

- ❖ 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