FUZYPRO
TEMPRETRIEVER
Temperature Recorder

FEATURES

- ❖ Low cost
- ❖ Real-time operation
- ❖ User selectable high/low alarm
- ❖ Programmable start time
- ❖ Reusable
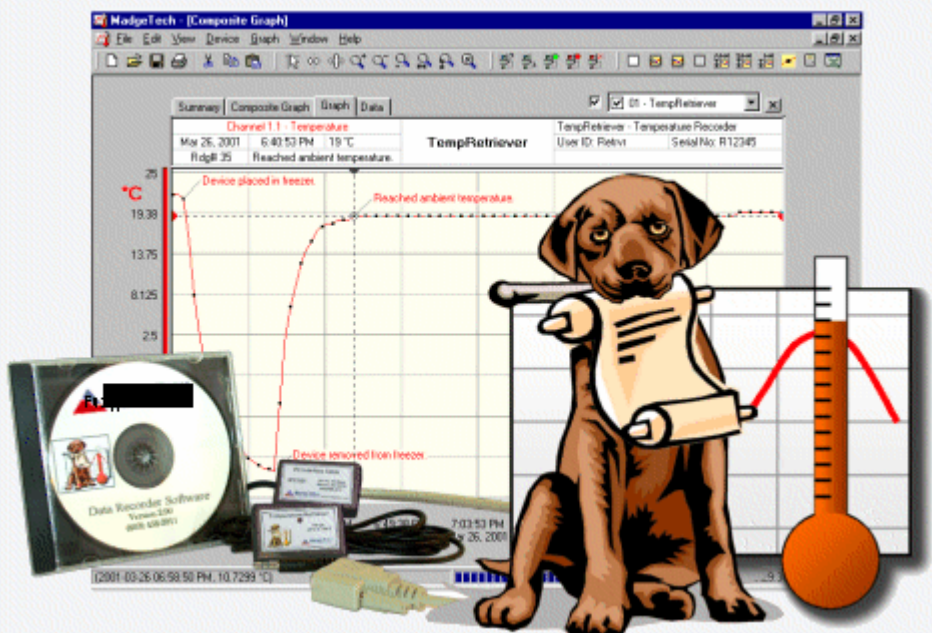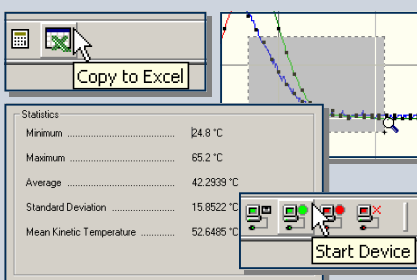- ❖ Miniature size
- ❖ User-friendly

APPLICATIONS

- ❖ Record temperature of perishable goods in transit
- ❖ Warehouse monitoring
- ❖ HVAC
- ❖ Medical/Pharmaceutical
- ❖ Museum monitoring
- ❖ Environmental studies
- ❖ Replace costly strip chart recorders
- ❖ Implement HACCP programs

An **extremely low cost**, reusable, temperature data logging solution.

The TEMPRETRIEVER is a miniature, battery powered, stand alone temperature recorder. This is an all-in-one compact, portable, easy to use device that will measure and record up to 16,383 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 and stopped directly from your computer and its small size allows it to fit almost anywhere. The TEMPRETRIEVER makes data retrieval quick and easy. Simply plug it into an empty com port and our user-friendly software does 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.

Demo our software at www.hcs77.com

TEMPRETRIEVER SPECIFICATIONS

Temperature Sensor:	Semiconductor	**Memory:**	16,383 readings
Temperature Range:	-40 ºC to +80 ºC	**Calibration:**	Digital calibration through software
Temperature Resolution:	0.5 ºC	**Calibration Date:**	Automatically recorded within device
Calibrated Accuracy:	±1.0 ºC (0 to +50ºC)	**Power**:	3.6V lithium battery included
Visual Indicator:	LED blinks to indicate device operation	**User Replaceable Battery:**	2 years typical life
Alarm Function:	Programmable high and low limits; Alarm is activated when temperature reaches or exceeds set limits	**Data Format:**	Date and time stamped ºC, ºF, ºK, ºR
		Time Accuracy:	±1 minute/month (at 20ºC, RS232 port not in use)
Alarm Indicator:	LED flashes in 1 second interval to indicate alarm condition	**Computer Interface:**	PC serial or RS232C COM (Interface cable required); 2400 baud
Start Time:	Software programmable start time and date. Up to six months in advance	**Software:**	Windows 95/98/ME/NT/2000/XP based software
		Operating Environment:	-40 ºC to +80 ºC, 5 to 95 %RH non-condensing
Real Time Recording:	May be used with PC to monitor and record data in real time	**Dimensions:**	1.4" x 2.2" x 0.6" (36mm x 56mm x 16mm)
		Weight:	1 oz (30 g)
Reading Interval:	1 reading every 2 seconds to 1 every 12 hours		

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:**	Fully digital calibration function automatically stores parameters in device
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 set configuration
Formatting Options:	Change colors, line styles, plotting options, show or hide channels in an instant	**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

Model	Description
TEMPRETRIEVER	Temperature Recorder
IFC101	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**