Logicbus

¡ Tu Sitio de Automatización !

TEMPRETRIEVER

LOW COST REUSABLE TEMPERATURE RECORDER

Features

- Low cost
- Pushbutton start/stop
- LED alarm indication
- User selectable alarm limits
- Real-time operation
- Programmable start time
- Reusable
- Miniature size
- 38,400 baud offload speed
- CE Approved

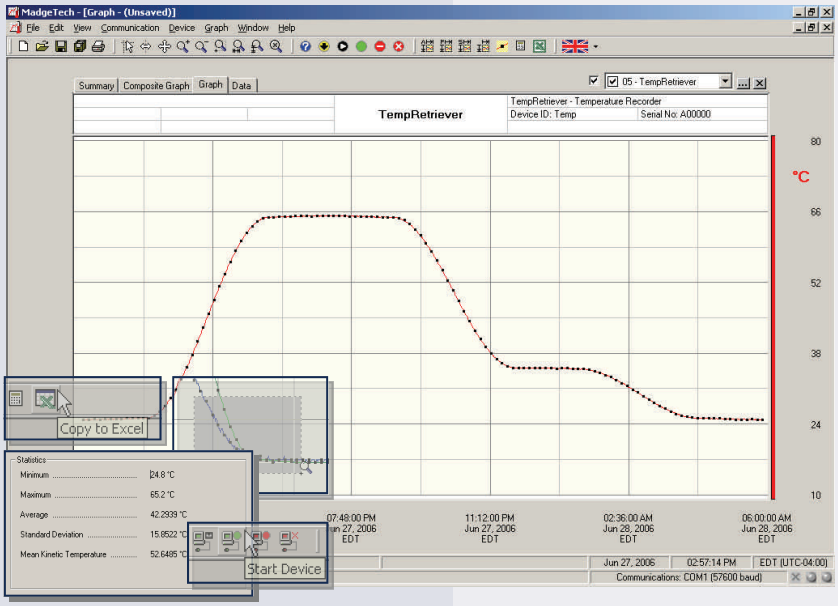
Applications

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

The TempRetriever is a low cost, reusable temperature recording device which allows for a myriad of applications. The device excels in dry applications such as shipping, museums, R&D, warehouses and HVAC. It boasts an accuracy of ±0.5ºC and a resolution of 0.1ºC. The TempRetriever can store up to 16,383 readings in its non-volatile memory and coupled with up to a one year battery life and LED alarm indication makes this a perfect temperature recorder when keeping costs down is paramount.

The MadgeTech software includes a full host of features that allows the user to set the start method (i.e. pushbutton, delayed start or start now), the start date and time, sample rate, high/low alarm limits, 6-character device ID and a 16-character extended ID. Data can be offloaded and displayed in ºC, ºF, K and ºR. The software will also automatically calculate Mean Kinetic Temperature as well as other useful statistics to simplify analysis. For additional custom analysis, the data can be quickly exported into a MS Excel® spreadsheet with the click of a button.

Industries such as education, research, and perishable goods transport will all benefit from the remarkable value this device represents.



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.

TEMPRETRIEVER SPECIFICATIONS*

Temperature Sensor: Semiconductor

Temperature Range: -40 to +80°C

Temperature Resolution: 0.1°C

Calibrated Accuracy: ±0.5°C (0 to +50°C)

Alarm: User selectable high and low limits, blinking LED Indicator

Start Time: Software programmable start time and date up to six months in advance; or external pushbutton start/stop

Real Time Recording: May be used with PC to monitor and record data in real-time

Reading Interval: 1 reading every 2 seconds to 1 every 12 hours

Calibration: Digital calibration through software

Calibration Date: Automatically recorded within device

Power: 3.6 V lithium battery included

User Replaceable Battery: 1 year typical

Data Format: Date and time stamped °C, °F, °K, °R

Time Accuracy: ±1 minute/month (at 20°C, RS232 port not in use)

Computer Interface: PC serial or USB (interface cable required); 2,400baud

Software: Windows 95/98/ME/NT/2000/XP based software

Operating Environment: -40 to +80°C, 0 to 95%RH non-condensing

Dimensions: 1.4" x 2.2" x 0.6" (36mm x 56mm x 16mm)

Weight: 0.8 oz (23 g)

Materials: ABS plastic

Approvals: CE

BATTERY WARNING: FIRE, EXPLOSION, AND SEVERE BURN HAZARD. DO NOT RECHARGE, DISASSEMBLE, HEAT ABOVE 212ºF, INCINERATE OR EXPOSE CONTENTS TO WATER.

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 quickly

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: Automatically calculate and store calibration parameters

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 select configuration

Printing: Automatically print graphical or tabular data

*SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE. SPECIFIC WARRANTY AND REMEDY LIMITATIONS APPLY.

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