TEMPRECORD™

MULTITRIP – General Multi Use

➤ **Accurate & Reliable** – Proven Temprecord performance.

➤ **Applications** – Monitoring storage and transit of pharmaceuticals, perishable foods, temperature-sensitive Industrial products, etc… Applications also include food processing, monitoring temperature-sensitive Industrial equipment, tuning and validating HVAC systems…

➤ 8K non-volatile memory

➤ Calibrated temperature accuracy is 0.2°C / 0.35°F
(Logger Case temperature range is -25°C to +60°C or -13°F to +140°F)

➤ 3-Point Calibration built into logger:
   • superior accuracy guarantee
   • no need for corrections or complex calculations to be applied to downloaded data
   • avoids human data entry errors, providing data integrity and peace of mind

➤ Calibrated and corrected at 3-Points to ISO/IEC 17025 Calibration Laboratory Standards
   • traceable Calibration Certificate included

➤ Temperature Units: °C or °F

➤ Display Resolution: 0.01°C or 0.01°F

➤ TRW software:
   • Hi-speed download
   • Serial RS-232 or USB connectivity
   • compatible with Windows XP, Vista and Windows 7

➤ Compliance made easy with automated PDF report generation. Use speed-buttons from TRW software to :
   • save as *.TR and/or *.PDF files
   • export to MS Excel – part or all samples
   • email
   • print

➤ Save time with Auto Mode (for batch programming):
   • Start / Stop / Status display
   • download/read recorded data
   • save downloaded file as *.TR or *.PDF
   • print file
   • email file
   • reuse logger

➤ Fully welded food grade plastic case
   • FDA approved
   • recyclable

➤ Case protection rating: waterproof to IP67 or NEMA 6

MULTITRIP™
MULTI USE TEMPERATURE RECORDER

OPERATING TEMPERATURE RANGE
CASE: -25°C~+60°C, -13°F~+140°F
PROBE: -50°C~+110°C, -58°F~+230°F

TEMPRECORD™
www.temprecord.com

Out of limits
No flash = Ready & waiting to be started.
One flash every 10 seconds = Logging.

Within limits

To Start: Press button for 2 seconds – Red LED flashes 4 times. **To Stop:** Press button for 10 seconds – Red LED flashes 4 times. **To Place Mark:** Press button for 2 seconds. Red LED flashes 2 times.

WARNING Do not subject case to temperatures greater than +50°C. Contains Lithium Cell. Do not incinerate.

Only when button enabled
PRESS TO START/STOP OR MARK
Follow instructions above

CE ✔ Z103
NEMA 4X IP67

TEMPRECORD
3 Point Calibration

MULTITRIP GENERAL USE DATA LOGGERS

Multiple Use Calibrated Data Loggers

Use the Multitrip data logger time and time again. After each use, download recorded data, reuse and the data logger is ready for its next application

Accuracy – Calibrated to 0.2°C / 0.35°F

Multitrip data loggers go through a 3-Point calibration process during manufacturing. Traceable Calibration Certificates are included with each logger from our ISO/IEC 17025 accredited laboratory. PDF copies of Calibration Certificates are also downloadable from the web site at:
www.temprecord.com/certificates.html

8K Non-volatile Memory

The Multitrip data logger supports 8K of memory (7,935 samples). User-configurable sample period provides from 4.4 hours up to 2 years of data recording.
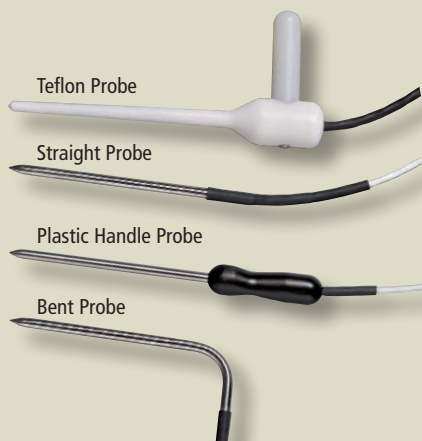
LED Status Indicators

'**Within limits**' (Green) LED Indicator and '**Out of limits**' (Red) LED Indicator allow instant confirmation of recorded data being within or outside of specified upper and lower temperature range.

Push Button Start/Stop or Mark

The Push Button (when enabled) allows User to '**Start**' or '**Stop**' the data logger anywhere without needing sophisticated software or hardware in the field. During recording, indication '**Markers**' can be included for future reference by pressing the button for two seconds until the red LED flashes two times. If button disabled then the logger can be started or stopped using Temprecord for Windows (TRW) software – available FREE!

Four External Probe Options

Choose from four different external probe options including Stainless Steel Straight probe, Bent probe, Teflon probe and Plastic Handle probe.

Teflon Probe

Straight Probe

Plastic Handle Probe

Bent Probe

Case Protection Rating
Waterproof to IP67 or NEMA 6 rated. Ultrasonically welded plastic case is durable in extreme conditions. FDA approved food grade casing.

LED Status Indicators
The '**Out of limits**' (Red) LED Indicator and '**Within limits**' (Green) LED Indicator allow instant confirmation of recorded data being within the specified temperature range. Software setup allows the selection of range limits and the number of samples out of range to activate the alarm feature.

Push Button
Integrated Push Button feature allows User to '**Start**' or '**Stop**' data logger in the field. Also allows for the setting of indication '**Markers**' during data recording for future reference. Functionality of the Push Button can be enabled or disabled through TRW software.

Retaining Hole
Fully moulded and ultrasonically welded retaining hole for easy securing of the data logger within different environments.

U.S. Distributor:

Global Sensors, LLC.
P.O. Box 750
Belmont, NC 28012
Tel: 866-402-8282
info@global-sensors.com

Temprecord International Limited
PO Box 58 430, Botany,
Auckland 2163, New Zealand.
Phone: (09) 274 9825,
Fax: (09) 273 4020
Email: info@temprecord.com
Web: www.temprecord.com

Parameter	Specifications
Model	**Multitrip Green – Multi Use Temperature Data Logger**
Memory	8K Non-volatile
Sample Capacity	Approx. 7,935 samples minimum
Sample Period	Programmable between 2 seconds and 36 hours in 2 second increments
Start Delay	Programmable between 10 seconds and 36 hours
Start and Stop	Logger Button (if enabled), Palm PDA/Reader, TRW Software/Reader
Recording Duration	4.4 hours to 2 years
Operating Temperature Range of Case	-25°C ~ +60°C, -13°F ~ +140°F
Operating Temperature Range of Data Logger	-25°C ~ +60°C, -13°F ~ +140°F
Operating Temperature Range with STANDARD Probe	-50°C ~ +110°C, -58°F ~ +230°F
*Temperature Accuracy	0.2°C / 0.35°F over the range -20°C / -4°F to +50°C /+122°F else 0.5°C / 0.9°F
Display Resolution	0.01°C or 0.01°F
Within Limits Indicator	One flash from Green LED Indicator every 10 seconds
Out of Limits Indicator	One flash from Red LED Indicator every 10 seconds
Battery Type	Manganese Dioxide Lithium (3.0V)
Dimensions	129 x 73.5 x 14mm or 5$^{1/8}$ x 2$^{7/8}$ x $^{5/8}$ inches
Weight	81g or 2.85oz
Case Colour	Green
Case and Protection Rating	IP67 or NEMA 6. Fully welded FDA approved food grade casing
Warranty Period	12 months on data logger from date of purchase 2 years on battery

*Accuracy is calibrated with a traceable reference thermometer to 0.2°C (0.35°F) at temperatures -15°C, 0°C and +40°C