TEMPRECORD™

G4 Multitrip – General Multi Use

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

➤ **Applications** – Temperature monitoring of manufacturing, storage & transit of pharmaceuticals, food or any other temperature sensitive products. Applications include calibrating HVAC systems…

➤ 8K non-volatile memory

➤ Calibrated temperature accuracy is ±0.2 °C / 0.35 °F

➤ Logger Temperature range is:
  • Case: -25 °C to +60 °C or -13 °F to +140 °F
  • With probe: -50 °C to +110 °C or -58 °F to +230 °F

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

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

➤ Temperature Units: °C or °F

➤ Display Resolution: 0.01°C or 0.01°F

➤ TRW software:
  • Hi-speed download
  • USB connectivity
  • compatible with Windows 7, 8 & 10

➤ 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

3 Point Calibration

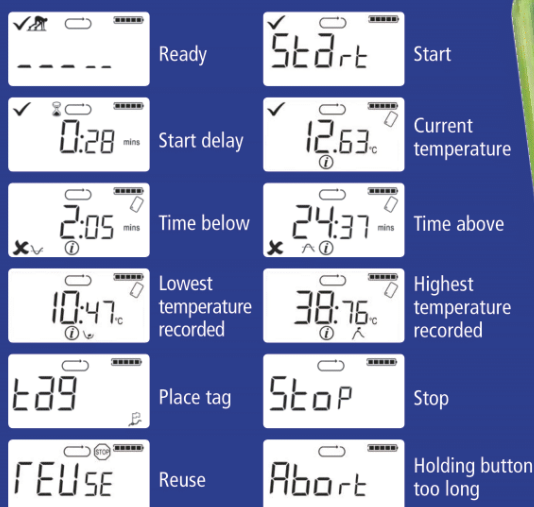# G4 Multitrip GENERAL MULTI-USE DATA LOGGER

TEMPRECORD™

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.

LCD Status Screen
Simply hold down the Start button to navigate LCD screen options:

Screen	Label	Screen	Label
✔ — — — — —	Ready	Start	Start
0:28 mins	Start delay	12.63°c	Current temperature
2:05 mins	Time below	24:37 mins	Time above
10:47c	Lowest temperature recorded	38:76c	Highest temperature recorded
tag	Place tag	Stop	Stop
rEUsE	Reuse	Abort	Holding button too long

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

LCD Display Screen
By simply pressing the button to view data, the LCD screen will display additional information including: recorded data being within or outside of specific upper and lower temperature limits, time outside of limits, minimum and maximum Temperatures recorded ...plus more!

Push Button
If enabled in software: Integrated Push Button feature allows User to '**Start**' or '**Stop**' data logger in the field. Also allows placing of markers. LCD screen will display important information when button is pressed sequentially to scroll through various screens. If temperature is within limits logger can be re-used with botton.

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

Four External Probe Options

- Teflon Probe
- Straight Probe
- Plastic Handle Probe
- Bent Probe

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Parameter	Specifications
Model	**G4 Multitrip – Multi Use Temperature Data Logger**
Memory	8K Non-volatile
Sample Capacity	Approx. 7,935 samples minimum
Sample Period	Programmable between 1 second and 18 hours
Start Delay	Programmable between 10 seconds and 23 hours
Start and Stop	Logger Button (if enabled), or TRW Software and a Temprecord Reader Interface
Recording Duration	2.2 hrs up to 2 years
Operating Temperature Range of Case	-25 °C to +60 °C or -13 °F to +140 °F
Temperature Range with Standard Probe	-50 °C to +110 °C or -58 °F to +230 °F
*Temperature Accuracy	±0.2 °C / 0.35 °F over the range -20 °C to +50 °C or -4 °F +122 °F, else ±0.5 °C / 0.9 °F
Display Resolution	0.01 °C or 0.01 °F
Within Limits Indicator	The ✔ flashes if values are all within limits. The ✘ flashes if one or more limits have been exceeded
Out of Limits Indicator	The limit(s) that have been exceeded are shown by the upper limit symbol ⌃ and/or lower limit symbol ⌄
Battery Type	Manganese Dioxide Lithium (3.0V)
Logger Dimensions	L 77.5mm x W 73.5mm x 14mm or 3 x 2$^{7/8}$ x $^{5/8}$ inches
Weight	104g or 3.6oz
Case Colour	Green base with a Green label
Case Protection	IP67 or NEMA 6. Fully welded FDA approved food grade casing
Warranty Period	12 months on data logger and 2 years on battery from date of purchase. Warranty void if traces of water found within logger case
System Requirements	TRW 6.3 or later Software must be used to operate G4 display data loggers: • Download software from www.temprecord.com • Temprecord USB Reader interface is required • Compatible with Windows 7, 8 or 10

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°C

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