



www.temprecord.com

## G4 Vaccine – General Multi Use



- **Accurate & Reliable** – Proven Temprecord performance!
- Applications – Temperature monitoring of manufacturing, storage & transit of vaccines, pharmaceuticals or any other temperature sensitive products.
- 8K non-volatile memory
- Calibrated temperature accuracy is  $\pm 0.2^{\circ}\text{C}$  /  $0.35^{\circ}\text{F}$
- Logger Temperature range is:
  - Case:  $-25^{\circ}\text{C}$  to  $+60^{\circ}\text{C}$  or  $-13^{\circ}\text{F}$  to  $+140^{\circ}\text{F}$
  - With standard probe:  $-50^{\circ}\text{C}$  to  $+110^{\circ}\text{C}$  or  $-58^{\circ}\text{F}$  to  $+230^{\circ}\text{F}$
  - For Dry-Ice or  $-80^{\circ}\text{C}$  applications please refer to our G4 Supercool & Dry-Ice logger
- 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:  $^{\circ}\text{C}$  or  $^{\circ}\text{F}$
- Display Resolution:  $0.01^{\circ}\text{C}$  or  $0.01^{\circ}\text{F}$
- 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



# G4 Vaccine GENERAL MULTI-USE DATA LOGGER



## Multiple Use Calibrated Data Loggers

Use the Vaccine 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:



**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 button.

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

### External Probe Option



Parameter	Specifications
Model	<b>G4 Vaccine – Multi Use Temperature Data Logger</b>
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 to +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 129mm x W 73.5mm x 14mm or 5 1/8 x 2 7/8 x 5/8 inches
Weight	104g or 3.6oz
Case Colour	Red base with red 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 <a href="http://www.temprecord.com">www.temprecord.com</a> • Temprecord USB Reader interface is required • Compatible with Windows 7, 8 or 10

### Temprecord International Limited

PO Box 58 430, Botany,  
Auckland 2163, New Zealand.  
Phone: +64 (9) 274 9825,  
Fax: +64 (9) 273 4020  
Email: [info@temprecord.com](mailto:info@temprecord.com)  
Web: [www.temprecord.com](http://www.temprecord.com)

\*Accuracy is calibrated with a traceable reference thermometer to ±0.2 °C (0.35 °F) at temperatures -15 °C, 0 °C and +40 °C  
\* For Dry-Ice or -80 °C applications, please refer to the Supercool & Dry-Ice Loggers

