

G4 Scientific

ISO/IEC 17025 traceable • 24-month warranty • New Zealand engineered

Precision monitoring for critical environments



Precision monitoring for scientific, pharmaceutical and temperature-critical applications. Calibrated accuracy, rugged durability and trusted compliance performance from storage to transit.

Key Features

Accuracy	±0.2°C Precision
Protection	IP67 / NEMA 6 Rated
Memory	32,511 Samples
Probe Capability	Down to -90°C

Why Choose G4 Scientific?

Certified Accuracy

Calibrated at 3 points to ISO/IEC 17025 standards with traceable certification included.

Extreme Temperature Monitoring

Monitor from -50°C to +60°C, or down to -90°C with compatible probes.

Rugged & Hygienic

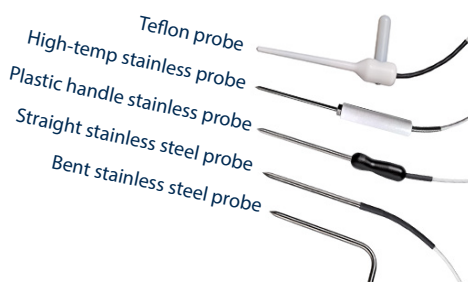
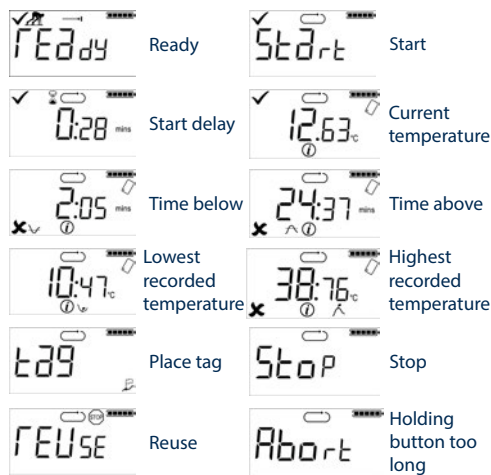
IP67 waterproof housing with FDA-approved food-grade casing.

Long-Term Reliability

Programmable recording durations from hours to 2 years with large sample memory capacity.



LCD Status Screen



- Rugged, Waterproof Design – **IP67 / NEMA 6** rated for harsh environments
- **Clear LCD Display** – quickly scroll through key data and status updates
- Durable Seamless Sealed Construction – food-grade (**FDA approved**) casing
- **On-Logger Control** – configure and adjust settings directly from the logger, no software required.
- Secure Mounting – built-in **retaining hole** for easy attachment

Parameter	Specifications
Model	G4 Scientific – Advanced Multi Use Temperature Data Logger
Memory	32K Non-volatile
Sample Capacity	Approx. 32,511 samples
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	9 hrs up to 2 years
Operating Temperature Range of Case	-50 °C to +60 °C or -58 °F to +140 °F
Operating Temperature Range with LOW Temperature probe	-90 °C to +110 °C or -130 °F to +230 °F
*Temperature accuracy without Probe	±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 Calibrated at temperatures -15 °C, 0 °C and +40 °C
*Accuracy of logger with LOW Temp Probe	±0.2 °C / 0.35 °F over the range -40 °C to +50 °C or -40 °F to +122 °F, else ±0.5 °C / 0.9 °F Calibrated at temperatures -38 °C, 0 °C and +40 °C
*Accuracy of logger with -90 °C Temp Probe	±0.8 °C / 1.44 °F or better at -90 °C Calibrated at temperatures -90 °C, -38 °C and 0 °C
Display Resolution	0.01 °C or 0.01 °F
Within Limits Indicator	The ✓ flashes if values are all within limits The X 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	Lithium Thionyl Chloride (3.6V)
Logger Dimensions	L 129mm x W 73.5mm x 14mm or 51/8 x 27/8 x 5/8 inches
Weight	104g or 3.6oz
Case Colour	Blue base with a Blue label.
Case Protection	IP67 or NEMA 6. Fully welded FDA approved food grade casing
Warranty Period	24 months on data logger and battery from date of purchase. Warranty void if traces of water found within logger case
System Requirements	TRW 6.3 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 8, 10 or 11

Request a traceable calibration certificate sample or arrange a demo at www.temprecord.com