



- SECURE DATA
- COMPACT AND ROBUST
- FULLY SEALED CONSTRUCTION
- WINDOWS SOFTWARE
- UNIQUE WIRELESS DOWNLOADING
- 1 YEAR UNCONDITIONAL WARRANTY

DATA LOGGERS



IN-TRANSIT TEMPERATURE DATA LOGGERS

SL150 and SL151

INTRODUCTION

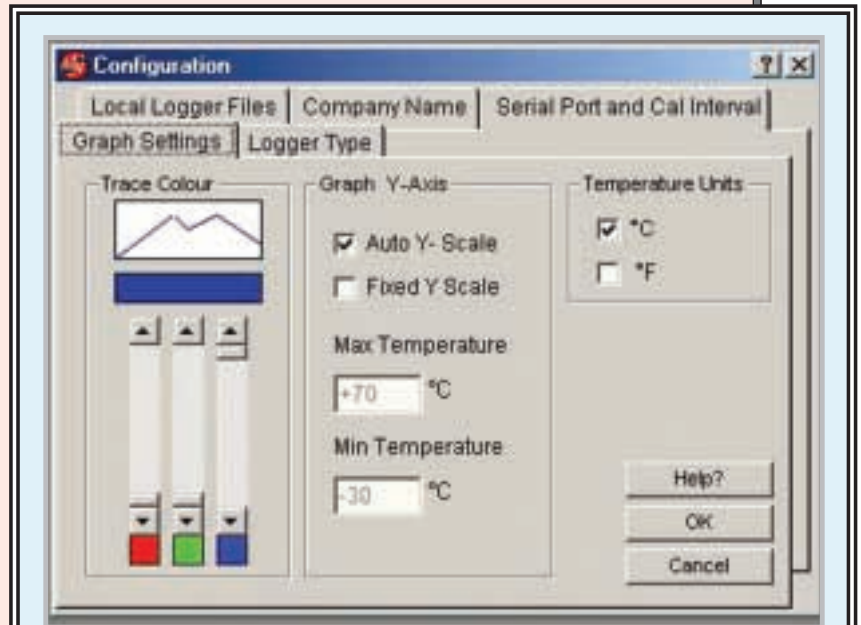
The SL150 and SL151 data loggers record the temperature of goods while in storage or transit. The data can be downloaded for analysis at any time. They are used to assure that the products being monitored are not subjected to temperatures which would damage them. Damage caused by temperature extremes may not be obvious from visual inspection.

The data logger is sealed in a crevice free rugged plastic tag that has no connection or entries of any kind. The tag can be conveniently located in a packing case, on a pallet or attached directly to the product of interest. It can be completely submerged in liquid.

A manifest can be created containing all the details of the shipment, products, etc. along with alarm thresholds. This information is simply downloaded to the tag by a wireless interface. The same reader retrieves the stored data which is then transferred to a PC or laptop. The flexible software displays all the information in an easy to read format clearly showing if the product has been subjected to over or under temperature extremes.

The SL151 has a red and green LED. The green LED flashes when the unit is logging. The red LED flashes when the unit is in alarm. During start up alarms are not enabled until the temperature is within the normal selected temperature range. If a delayed start is selected alarms are enabled at start time.

The data is stored so that it cannot be altered or manipulated. The logger also records who has read the information.



Software set-up screen. See overleaf for graph.

The STATUS Unconditional Warranty

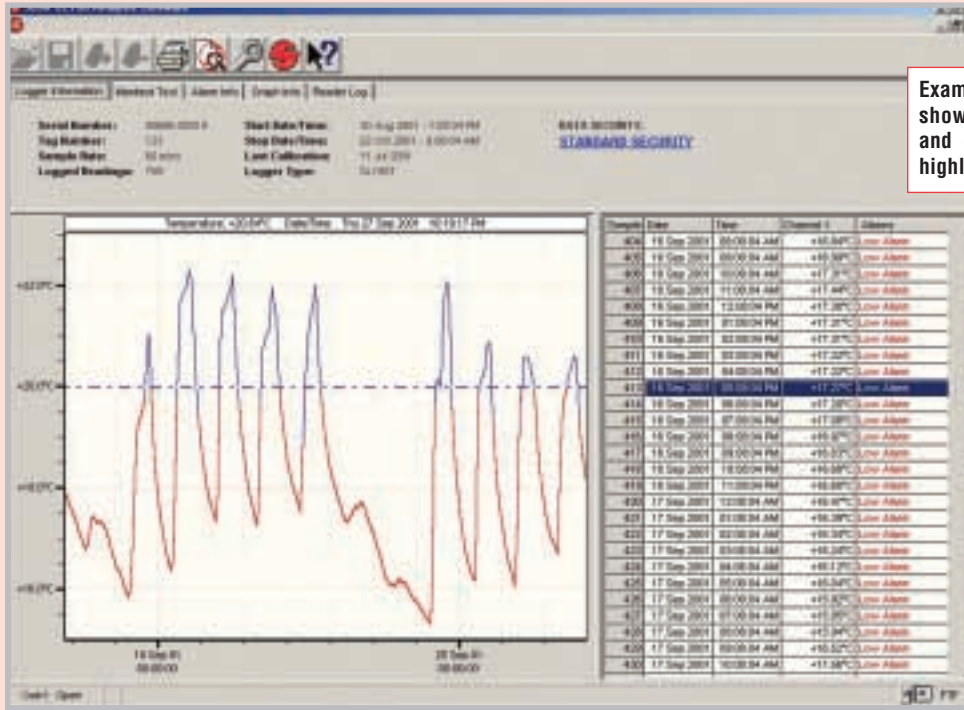
So confident are we in the robustness of this product, and its suitability for the rough handling it is likely to receive in transport, that we guarantee the SL150 & SL151 for a period of 12 months against failure and will replace any unit found to have failed irrespective of the cause of the failure.



STATUS INSTRUMENTS INC.

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Example of a Logger graph showing alarm thresholds and out of range operation highlighted by color change.

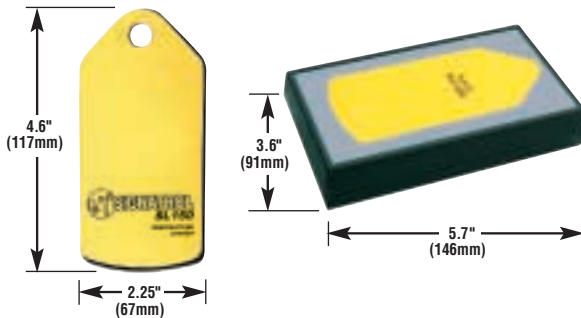
TECHNICAL SPECIFICATIONS @ 68°F

	SL150	SL151
Power	Internal battery	Internal battery
Battery Life	4 Years	4 Years
Temperature Range	-22°F to + 158°F	-22°F to +158°F
Accuracy	< ± 0.9°F	< ± 0.9°F
Resolution	0.1°F (12 bit)	0.1°F (12 bit)
No. of Readings	1948	16384
Reading Rate	1 Min. to 225 Mins.	30 Secs. to 100 Hrs.
Maximum Journey	11 Months	> 4 Years
Ingress Protection	IP68	IP68
Measuring Range	-22°F to + 140°F	-22°F to + 140°F
Alarms	2	2
Green Active LED	No	Yes
Manifest Text	67 Characters	450 User Characters 64 Owner Characters
Response Time (TC 63%)	7 Mins.	7 Mins.
Delayed Start	No	Yes
Stop When Full	Yes	Yes
Recommended calibration interval is 12 months		

MECHANICAL DETAILS

Material	Food grade Polystyrene
Dimensions	4.6"(117mm) x 2.25"(67mm) x 0.4"(10mm) with Mounting Hole)

TECHNICAL DETAILS



The SL150 reader connects to a standard PC serial port. Easy to use software running under Windows 95, 98, 2000, ME or NT4.0 can be used by an operator with minimal training to display data in text or graphical form and be printed on any connected printer.

ORDER CODE

- SL150-KIT** Includes 6 Data Logger tags, 1 wireless reader and software for Windows
- SL151-KIT** Includes 6 SL151T Data Logger tags, 1 wireless reader and software for Windows (includes 12 months software support - Single user)
- SL150T** Data Logger tag only
- SL151T** Data Logger tag only
- SL150R** 1 wireless reader and software for Windows, supports SL150 and SL151
- SL150-SOFT** Windows* software to support SL150 and SL151
- SL150-BRACKET** S.S. wall mounting bracket with security key

*Free from Website

Every effort has been taken to ensure the accuracy of this specification, however we do not accept responsibility for damage, injury, loss or expense resulting from errors and omissions, and we reserve the right of amendment without notice.