Left: transport logger, right: the C-Sense temperature sensor plugged into a calibration cable

transport

Data*loggers*

T E M P E R A T U R E   &   H U M I D I T Y

Typical Applications

° Transportation
° Warehousing

Options & Accessories

° Remote probes
° Security mounting brackets
° 21 CFR Part 11 compliant sortware
° Traceable calibration

Hanwell's design philosophy is to see a need for a piece of equipment and design something that fits its purpose, not design and see where it can be used. The Hanwell Transport Logger is the epitome of this philosophy. Designed specifically with its end use in mind, the Transport logger combines unsurpassable functionality with a stylish design that makes it flexible and unobtrusive in any environment. This design approach, combined with the use of high stability "C-sense" sensors, ensures results on which both you and your industry regulators can rely.

Unlike most data loggers on the market, all Hanwell loggers, including the transport logger, have been designed with calibration very much in mind. The physical construction and software architecture allow multi point calibration to very high precision.

Temperature and humidity calibration services are offered both in-house or on-site, using equipment traceable to national standards. For those who have their own in-house calibration facilities, Hanwell provide all the necessary supplementary calibration documentation and software.

Other software included is that for Mean Kinetic Temperature (MKT) which is commonly used in the pharmaceutical industry to give an estimate of the cumulative effect of temperature variations on product. The software provided with the logger will automatically calculate this value for any selectable time period.

When used together, the Transport logger and Hanwell software comply with the most stringent administrative controls, as laid down in 21 CFR Part 11 (Control of Federal Regulations) by the Food and Drug Administration (FDA). These controls continue to be refined with each technological advance.

21 CFR Part 11 covers electronic records, electronic signatures, handwritten signatures executed to electronic records and requires each to be reliable, trustworthy and generally equivalent to paper records and handwritten signatures executed on paper. It applies to records that have been created, modified, maintained, archived, retrieved or transmitted.

Specification

	(Accuracy quoted is combined instrument and sensor)			ISO9001:2000 certified
Dimensions	90mm x 50mm x 16mm		***Temperature Ranges***	
Weight	60 grams		**Low**	-35°C to +60°C
Case material	ABS		**Ambient**	-15°C to +100°C
Power supply	3.6 volt lithium battery		**High**	+10°C to +150°C
Battery life	Up to 5 years (depending on use)			
Temperature sensor connector	2 way miniature Lemo		**Accuracy**	+/-0.1°C @25°C
Temperature sensor	C-Sense precision thermistor		**Resolution**	+/-0.1°C
Logging intervals	Programmable from 4 seconds to 18 hours			
Memory	128k EEPROM		**Part No.**	HL2016
Record capacity	10720 records			

- DATALOGGERS
- CONTROL PRODUCTS
- TEMPERATURE
- RADIOLOGGERS
- HUMIDIFIERS/DEHUMIDIFIERS
- RADIO TELEMETRY

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