

TRANSPORT LOGGER

DATA SHEET



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The Hanwell Transport Logger is a temperature data logger specifically designed to combine unsurpassed 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 calibration services are offered both in-house or onsite, 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. 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 correctly the Transport Logger and Hanwell software assist compliance 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.

Product Features

- Data logger format with up to 100,000 readings
- Up to 3 year battery life
- Accessible battery and USB socket
- Curved sides attach to wall bracket
- High performance internal or external sensors
- Complies with RoHS, EU and WEEE directives
- Carries CE Mark

Benefits

- Determine possible damage caused by unacceptable conditions during shipment
- Assists with national regulatory compliance
- Achieve discreet monitoring with the small case design
- Determine chain of accountability for item handling
- Provides ongoing record of unacceptable exposure including precise time and date
- Encourages adherence to storage, handling & shipping parameters
- CFR21 part 11 Compliant software available, with supporting IQ & OQ protocols

Format

Indicator	✗
Data Logger	✓
Radio Transmitter	✗



Data Logger Functions

Memory: 256k EEPROM

Logging intervals: Programmable from 10 seconds to 24 hours.

Record Capacity: 100,000 records

PC Interface: USB communications

Battery Life: Up to 3 years

Software required: W200 – HanLog 4.5+
W300 – HanLog 4.5+ Validated software

Accessories: 88715 – AAA Alkaline battery

Y055 – USB cable

Y125 – Wall mount bracket

This product can be calibrated to your specifications, contact us for further details.

N.B Instrument operating range -34°C to +66°C in a non-condensing RH environment

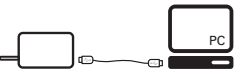
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In Transit Monitoring

The Transport Logger can be used as a discrete monitoring within containers that are stored temporarily or transported. The data logger enables users to download data via a USB cable directly to a local PC for data analysis. A full record of historical data can be collected for regulatory purposes.

Standalone data logger



Technical Specifications

Description	Single channel thermistor unit with internal sensor	Single channel thermistor unit 2 pin Lemo socket for remote probes
Data Logger Code	43792-H	43792-TR (with remote probe)
Internal Temperature Probe	Internal Thermistor	
Range Temperature	-30°C to +66°C	
Accuracy Temperature	+/-0.2°C	
Resolution Temperature	0.1°C	
External Temperature Probe		Option 1: Y300 Short precision thermistor probe Option 2: J095-05 Precision Thermistor probe, 3 mtr cable with 2-pin lemo plug Option 3: J097-05 Precision Thermistor probe, 5 mtr cable with 2-pin lemo plug
Range		-40°C to +40°C
Accuracy		0.1°C
Display Resolution		0.1°C

Parameters

Temperature

The diagram above illustrates how the Transport Logger is typically used



Instrumentation Specification

- Dimensions:** 105 x 65 x 19mm
- Weight:** 100 grams (without battery)
- Power Supply:** 2 x AAA Alkaline batteries
- Case Material:** ABS
- Memory Capacity:** 10,720 records



Intelligent monitoring and control solutions:
In Buildings | In Transit | Outdoor/Remote



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