

# Comark EVt2

## Multi-Use Transport Temperature Logger

Keeping temperature sensitive products, materials and ingredients within required temperature limits is vital. Customers demand it, consumers rely on it and regulations insist on it - but how to prove it?

Comark EVt temperature loggers is robust, low cost and easy to use and provides a highly efficient method of logging over any distance to check that goods are kept at optimum temperatures.

Using Comark EV software, EVt loggers can be programmed to record the temperature at various stages of a journey, and the results later downloaded to a PC for immediate analysis and storage of permanent records.

- **Certified to meet Transport Standard EN 12830:1999**  
EVt2 is the perfect choice for cold chain applications
- **Water and dustproof** sealed to IP67 standards for long life expectancy and accuracy
- **Large memory capacity** with 3000 memory capacity
- **LED screen** allows instant local checks on current readings and alarms
- **Alarm** indication lights instantly warn of potentially unsafe conditions allowing instant corrective actions
- **Flexible logging** frequency from 1 second to 99 hours
- **Ideal for HACCP** and other quality systems
- **Professional Version** of software aids 21CFR Part 11 Compliance
- **EVCPU Interface** required to download data to a PC

Comark is the only manufacturer to use BioCote® antimicrobial protection to provide an important extra level of defence against cross-contamination.



Comark is the leading manufacturer and supplier of a wide range of electronic measurement instruments for temperature, humidity, pressure and pH.



**2-Year  
Warranty**

Temperature Measurement	
Sensor	Thermistor
Measurement Range EVt2	-30°C to +70°C, -22°F to +158°F
Scales	°C and °F
Displayed Resolution	0.1°
System Accuracy at +23°C Thermistor	±0.5°C / ±0.9°F
Channels	Single internal sensor only
Memory	3000 samples
Communications	Via infra-red interface
Logging Start/Stop/LCD	Single multi-function button operation
Logging Frequency	Programmable between 1 second and 99 hours
Internal Sensor Response Time	T90 = 15 to 30 minutes in ambient air
Ambient Storage	As measurement range
Environmental Protection	IP65 BS EN 60529 IEC529
Battery Type	Non-replacable 1/2 AA Lithium
Battery Life, based on 15 min log rate at +20°C / +68°F with alarms off	24 months
Case Material	Food Safe polycarbonate
Dimensions	88mm L x 80mm W x 35mm D
Weight	77g/2.73 oz



# Technical Specification

## WARRANTY

All Comark instruments have a minimum one year warranty unless otherwise stated. The warranty period for temperature probes is for six months and all other probes and electrodes are unwarranted because the conditions of use are beyond our control. The Comark warranty covers manufacturing defects and component failures on all products returned to Comark premises and applies worldwide. The warranty does not affect your statutory rights. In line with our policy of continuous development we reserve the right to alter any product specifications without notice. All products are covered by our Quality Management System which is compliant with BS EN ISO 9001:2008 for the design, manufacture, supply, service, repair and recalibration of electronic measuring instruments and equipment.

## BIOCOTE®

Selected Comark thermometers, probes and data loggers have BioCote's silver technology incorporated into instrument cases and probe handles at the time of manufacture. The antimicrobial finish inhibits the growth of bacteria, reducing the risk of cross-contamination and infection in the environment and is becoming accepted within HACCP and due diligence procedures as an important extra level of defence.

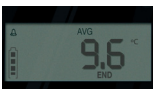
Distributed by:

## EVt Display

LCD display shows all essential information before, during and after logging. Automatic scroll function, available after logging has ended, enables the following data to be seen. Ideal for decision making before downloading or where this is not possible:



A. Maximum logged temperature



B. Minimum logged temperature



C. Average logged temperature



D. Cumulative time logged temperature are in programmed high alarm zone



E. Cumulative time logged temperature are in programmed low alarm zone

## EV Software

There are two variants of the proven software package for programming, data retrieval and data storage.

### EV Software - General Use Version

- Quick program function
- Extensive data presentation options in tabular and graphical form
- Selectable high and low alarm levels
- Selectable logging interval

### EV Pro - Professional Version

Specification as general use version plus:

- Enhanced security options to aid compliance with 21CFR Part 11 requirements
- Additional data analysis including mean kinetic temperature and pasteurisation values.

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