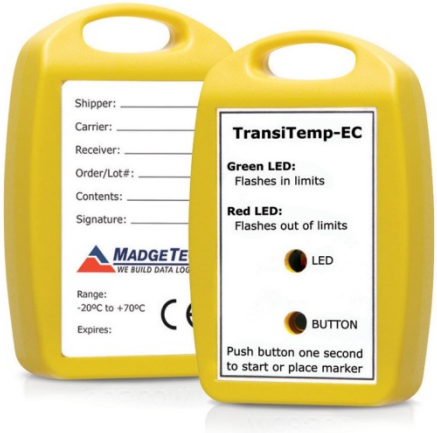
TRANSITEMP-EC
IN-TRANSIT TEMPERATURE DATA LOGGER

VALUTEMP PTE LTD
WARMS YOUR HEART

Features
- Single/Multi-use
- Low cost
- Unparalleled quality & performance
- User-friendly
- Convenient size
- Push button start
- User selectable reading rate
- Wide temperature range
- Programmable alarm
- Instantaneous out of range alarm indication
- CE Compliant

The TransiTemp-EC temperature recorder is designed for high volume, low cost in-transit recording. It has a custom molded case with a handle for convenient attachment and comes in single and multi-use versions. This compact, portable, easy to use device will measure and record up to 8,191 measurements. The storage medium is non-volatile solid state memory, providing maximum data security even if the battery becomes discharged.

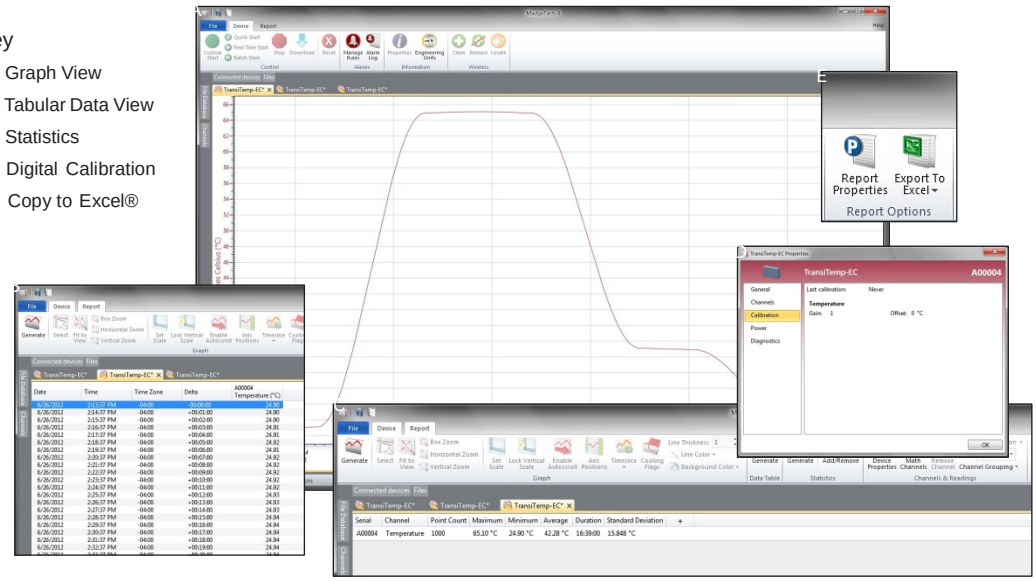


Applications
- Implement HACCP programs
- Cold chain monitoring
- Verify products are stored and shipped at safe temperatures
- Monitor refrigerated cars
- Medical and Pharmaceutical shipment verification
- Replace costly strip chart recorders

The device can be started from a computer or by holding down the recessed push button. Dual LED's provide device status and alarm condition for immediate validation when received. The green LED indicator blinks four times when the device has been started. It continues to blink in ten second intervals while the device is logging. If an alarm condition occurs, the red LED indicator blinks in ten second intervals. The red LED blinks four times when the device stops taking data. The TransiTemp-EC makes data retrieval quick and easy. Simply plug it in to an empty COM or USB port and the data can be offloaded and analyzed/ archived with our powerful software.

MADGETECH DATA LOGGER SOFTWARE

Key
- Graph View
- Tabular Data View
- Statistics
- Digital Calibration
- Copy to Excel®



Software Features:
- Multiple graph overlay
- Statistics
- Digital calibration
- Zoom in/ zoom out
- Lethality equations (F0, PU)
- Mean Kinetic Temperature
- Full time zone support
- Data annotation
- Min./Max./Average lines
- Data table view
- Automatic report generation
- Summary view
- Multilingual

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TRANSITEMP-EC SPECIFICATIONS*

*SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE.

Temperature Sensor:	Semiconductor
Temperature Range:	-20 ºC to +70 ºC (-4 °F to +158 °F)
Temperature Resolution:	0.1 ºC
Accuracy:	±0.5 ºC (-10 ºC to +40 ºC), ±1.0 ºC (-20 ºC to +70 ºC)
Usage:	Single/Multi-Use versions available
Memory:	8,191 readings (> 85 days at 1 reading/15 minutes)
Reading Interval:	1 reading every 5 seconds up to 1 every 30 minutes, selectable in software
Start Time:	Pushbutton start or software programmable immediate start or delay start up to thirty days in advance.
Data Format:	Date and time stamped ºC, ºF
Time Accuracy:	±2 minute/month at +25 ºC

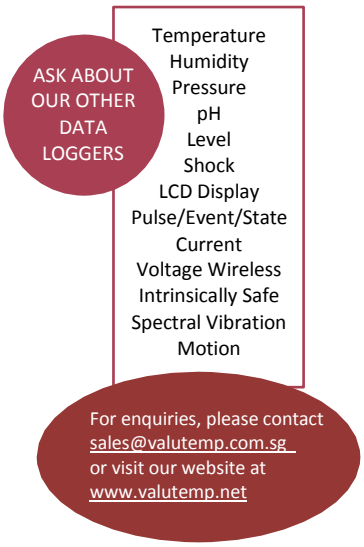
BATTERY WARNING: FIRE, EXPLOSION, BURN HAZARD. DO NOT OPEN BATTERY, DISPOSE IN FIRE, HEAT ABOVE 212 °F, EXPOSE CONTENTS TO WATER, RECHARGE, PUT IN BACKWARDS, MIX WITH OTHER BATTERY TYPES - MAY EXPLODE OR LEAK AND CAUSE PERSONAL INJURY.

Temperature Alarm:	Programmable temperature alarm with high and low limits selectable in software; When logged data reaches or exceeds either limit, red LED blinks every ten seconds
Activity Indicator:	• The green LED blinks every 10 seconds to indicate device is logging. • The red LED blinks when an alarm condition exists.
Marking Feature:	While logging hold the push button for 2 seconds to data and time stamp data point
Battery Type:	3V lithium coin cell included, 2 year shelf life; user replaceable
Battery Life:	90 days typical at +25 ºC, 5 minute reading rate
Computer Interface:	PC serial (interface cable required); 38,400 baud
Software:	XP SP3/Vista/Windows 7/Windows 8
Operating Environment:	-20 ºC to +70 ºC (-4 °F to +158 °F), 0 %RH to 90 %RH non-condensing
Dimensions:	1.7 in x 2.6 in x 0.6 in (44 mm x 67 mm x 16 mm)
Weight:	0.9 oz (25 g)
Material:	ABS plastic
Approvals:	CE

ORDERING INFORMATION

MODEL	DESCRIPTION
TRANSITEMP-EC	Single Use In-Transit Temperature Recorder
TRANSITEMP-EC-MULTI	Multi Use In-Transit Temperature Recorder
IFC203	USB interface cable for the TransiTemp-EC Data Logger.
NIST	NIST Calibration Certificate
CR2032	Replacement battery for the TransiTemp-EC-Multi

*To order the product with the NIST certificate add *-CERT* to the end of the part number.



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