

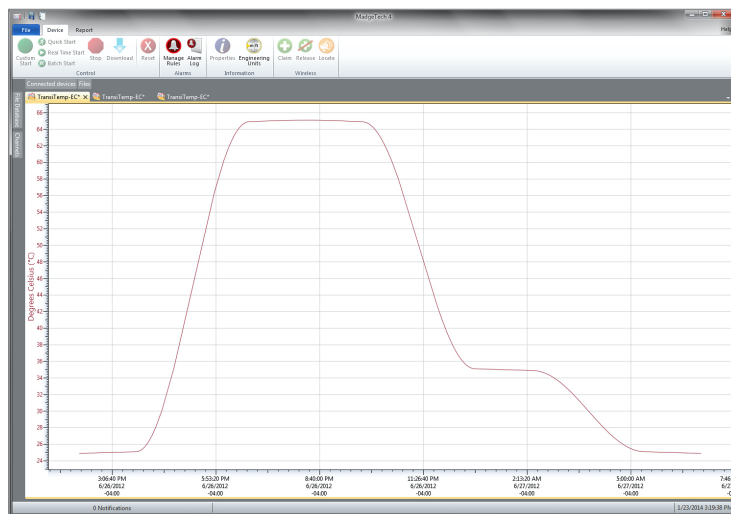
TransiTemp-EC

In-Transit Temperature Data Logger

The TransiTemp-EC temperature data logger 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.

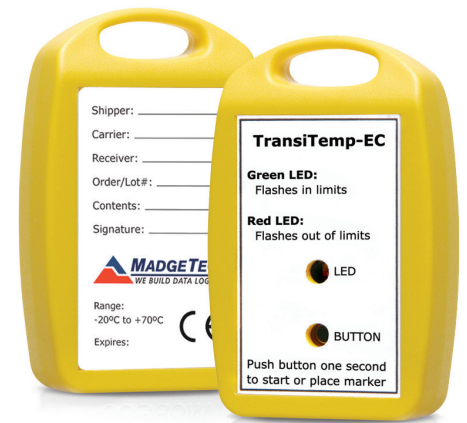
The device can be started from a computer or by holding down the recessed push button. Dual LED's provide device status and alarm condition for immediate validation when received. The green LED indicator blinks four times when the device has been started. It continues to blink in ten second intervals 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. Plug it in using an IFC203 (sold separately) and the data can be offloaded and analyzed/archived with our powerful software.

MadgeTech 4 Software Features



Graph View

- 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
- Summary view

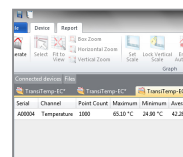


Features

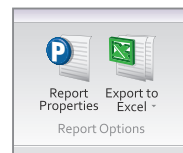
- Single/Multi-use
- Low cost
- User-friendly
- Convenient size
- Push button start
- User selectable reading rate
- Wide temperature range
- Programmable alarm
- Instantaneous out of range alarm indication
- CE Compliant

Applications

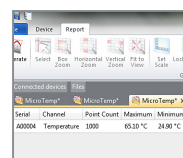
- Implement HACCP programs
- Cold chain monitoring
- Verify products are stored and shipped at safe temperatures
- Monitor refrigerated cars
- Medical and Pharmaceutical shipment verification
- Replace costly strip chart recorders



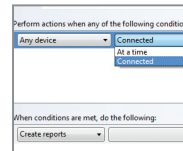
Statistics



Export to Excel



Tabular Data View



Automation

TransiTemp-EC

SPECIFICATIONS

Specifications are subject to change without notice. Specific warranty remedy limitations apply.

TEMPERATURE	
Temperature Sensor	Semiconductor
Temperature Range	-20 °C to +70 °C (-4 °F to +158 °F)
Temperature Resolution	0.1 °C (0.18 °F)
Calibrated Accuracy	±0.5 °C (-10 °C to +40 °C) ±1.0 °C (-20 °C to +70 °C)

GENERAL	
Start Modes	Software programmable immediate start Delay start up to 30 days in advance Pushbutton start
Memory	8,191 readings (> 85 days at 1 reading/15 minutes)
Usage	Single/Multi-Use versions available
Reading Rate	1 reading every 5 seconds up to 1 every 30 minutes, selectable in software
Temperature Alarm	User selectable high and low limits
LEDs	1 status and 1 alarm LED
Data Format	Date and time stamped °C, °F
Time Accuracy	±2 minute/month at +25 °C
Battery Type	3V lithium coin cell included, 2 year shelf life; user replaceable
Battery Life	90 days typical at +25 °C, 5 minute reading rate
Computer Interface	IFC203 USB interface cable; 38,400 baud
Operating System Compatibility	Windows XP SP3 or later
Operating Environment	-20 °C to +70 °C (-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

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.

Ordering Information

TransiTemp-EC	PN 901749-00	Single Use In-Transit Temperature Data Logger
TransiTemp-EC-Multi	PN 901752-00	Multi Use In-Transit Temperature Data Logger
IFC203	PN 900313-00	USB interface cable
CR2032	PN 900036-00	Replacement battery for the TransiTemp-EC and TransiTemp-EC-Multi