TICT Single-Use Temperature Indicator With 4 Alarms

The LogTag TICT is a single trip low cost electronic temperature indicator intended for monitoring temperature and time statistics during the transportation and storage of chilled or frozen products.

The LogTag Temperature Indicator can run up to 45 days storing statistics and monitoring four pre-set temperature Alarms.

The product consists of a temperature monitoring circuit, Liquid Crystal Display, START / STOP button, all enclosed in a plastic housing.

The product is factory programmed to monitor temperature and time within two high temperature and two low temperature Alarm thresholds. An adaptor is available for the LogTag Interface cradle for downloading of Trip statistics using LogTag Analyzer.
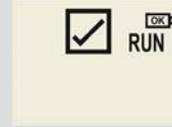
Product Highlights

- Factory pre-configured to monitor a range of products including standard vaccines.

- Standard 60 minute start delay.

- Clear indication of alarm status at all times.

- Monitor for up to 45 days.

- Push button Start and Stop.

- Data can be downloaded via an Interface Cradle and LogTag Analyzer if required.

- Robust and Accurate. Data collected is secure and cannot be manipulated.

- Fits easily into packages and can be mailed via letter rate.

Recommended Applications

Cold Chain

Pharmaceuticals

Produce/Meat/Dairy

Laboratories

Agriculture & Floral

Clinical Trials

Animals

Chemicals

Blood/Organs/Tissue

Museums

Sports/Leisure

1.800.561.8187   www.itm.com   information@itm.com

Function Examples

READY Mode	Starting Indicator	Start delay mode	RUN Mode	RUN Mode
Press any button to wake up TICT into READY mode	To start the indicator monitoring, press and hold the START/STOP button until 'RUN' stops flashing then release button.	Start delay is active	Monitoring: • No alarm excursions	Monitoring: • HT1 alarm triggered
READY	RUN READY	DELAY	☑ RUN	HT1 RUN ☒

RUN Mode	Stopping	Stopped Mode
Monitoring: • HT1 alarm triggered • LT2 alarm triggered	To stop the indicator, press and hold the START/STOP button until 'STOP' stops flashing then release button.	Monitoring Stopped
HT1 RUN LT2 ☒	HT1 RUN LT2 ☒ STOP	HT1 LT2 ☒ STOP

Specifications

Product Model	TICT
Measurement Range	-25°C ~ +60°C (-13°F ~ +140°F)
Capacity	Minimum & maximum temperature for each of the 45 days. 1st activation of each alarm for each day including trigger time and duration of each excursion.
Sampling Interval	Factory set to 5 minutes
Environmental	IEC 60529: IP6
Power Source	3V Lithium-Manganese Dioxide, non replaceable
Battery Life	Minimum storage life of 18 months before 'start'. Monitoring period: 45 days. Minimum accessibility (display) period of 6 months after 'stop'
Size	71.5mm(H)x33mm(W)x8.6mm(T)
Weight	19g
Case Material	Polycarbonate

Compliance & Certifications

designed for 21CFRPart11	Designed to support Digital Signatures in accordance to FDA CFR21 Part 11.
FC CE	Tested and complies with FCC Part 15 Subparts A and B. Tested and complies with EC EMC directives (EN 50081-1:1992 & EN 61000-6-1:2001)
Pb RoHS COMPLIANT 2002/95/EC	Conforms to RoHS (Restriction of the use of certain Hazardous Substances in electrical and electronic equipment) EU Directive.

Modes of Operation

Ready Mode
Push the START/STOP button. "Ready" shows that the indicator is ready to be started.

Start delay mode
Press and hold the START/STOP button. "RUN" will flash. Release button when flashing stops. The Indicator now begins the preset start delay.

Run Mode
"RUN" appears on the display. The indicator is now taking a temperature reading at the factory stipulated interval (typically every 5 minutes). If an Alarm occurs the ✓ symbol is replaced by an X symbol and the corresponding alarm limit code (HT1, HT2, LT1 or LT2) is also displayed.

Stopped Mode
Press and Hold the START/STOP button. "Stopped" will flash. Release button when flashing stops. The Indicator now no longer takes readings.

Factory Configurations
LogTag TICT can be factory configured to support a large range of different monitoring and alarm configurations (see specifications over page for details).

Example configuration

Sampling interval:
5 minutes

Start Delay:
60 minutes

HT1 alarm:
≥10°C instant

HT2 alarm:
≥ 8°C accumulated for 8 hours

LT1 alarm:
≤ 2°C accumulated for 12 hours

LT2 alarm:
≤ 0 °C instant