BROCHURE

iS0Tag

LogTag

Distributed by AKRIBIS

TAMPER PROOF FREEZE INDICATOR

LogTag

TICT iSO°Tag®

Tamper-Proof Freeze Indicator

AKRIBIS · www.akribis.info · contacto@akribis.info

The LogTag® iSO°Tag® is a tamper-proof, irreversible electronic indicator which shows if the temperature has been at or below freezing point (0°C or 32°F) for 60 minutes.

The iSO°Tag® is factory configured with a low temperature limit of -0.5°C for a duration of 60 minutes. Designed to meet WHO PQS performance specification E06/IN03.1 for irreversible freeze indicators.

all times.

Push button Start and Stop.

Features

Records temperature from -25°C to +60°C.

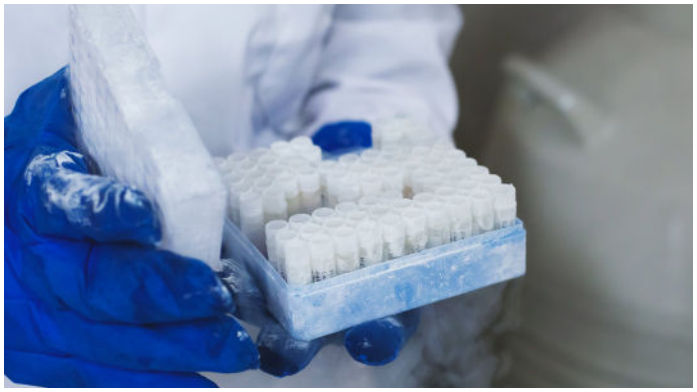
Clear indication of alarm status at

Meets WHO PQS performance specification E06/IN03.1.

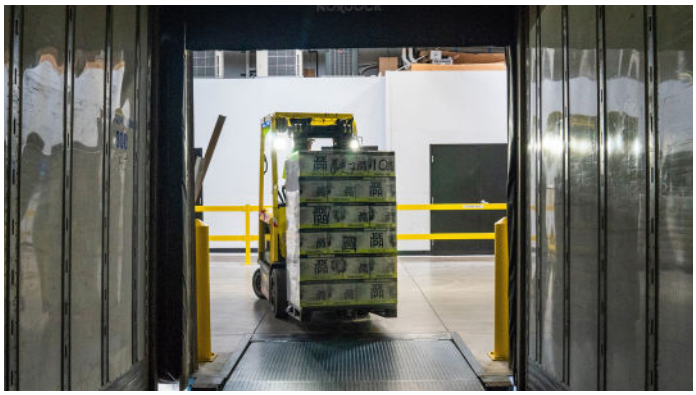
Monitors temperature and records daily statistics for up to 3 years.

Applications

Pharmaceutical Transport



Vaccine Transport



Food Transport

Blood & Organ Transport

Specifications

Product Model	TICT iS0°Tag
Sensor Measurement Range	-25°C to +60°C (-13°F to +140°F).
Operating Temperature Range	-25°C to +60°C (-13°F to +140°F).
Storage Temperature Range	0°C to +60°C (32°F to +140°F).
Rated Temperature Reading Accuracy	Better than ±0.5°C for -10°C to +25°C. Better than ±1.0°C for -25°C to -10°C Better than ±1.0°C for +25°C to +60°C. *Actual performance is typically much better than the rated values. Accuracy figures can be improved by recalibration.*
Rated Temperature Reading Resolution	0.1°C for -25°C to +60°C.
Sensor Reaction Time	Typically less than 7 minutes (T90) in moving air (1m/s).
Sampling Interval	Factory set from 5 to 15 minutes, typically set to 5 minutes.
Logging Modes	1096 day statistics with temperature/time excursions and a mark entry. 540 real time readings.
Logging Start Options	Push button start. Factory configuration, typically set to 60 minutes.
Recording Indication	One low and one high alarm, indicated on the display.
Environmental	IP64.
Power Source	CR2032 3V $LiMnO_2$ Battery (Fixed).
Battery Life	3 years storage, followed by 3 years of normal use (based on 5 minute logging)
Real Time Clock	Built-in real time clock. Rated accuracy ±25ppm @ 25°C (equivalent to 2.5 seconds/day). Rated temperature coefficient is -0.034 ±0.006ppm/°C (I.e typically +/- 0.00294 seconds/day/°C).
Size	71.5mm(W) x 33.0mm(H) x 8.6mm(T).
Weight	19g.
Case Material	Polycarbonate.

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