TempSen

monitoring for
Life Science

ITAG®4

Temperature USB PDF Recording Indicator

Auto PDF Report with Embedded Data

Automatically generating encrypted PDF format report, no software required to obtain data, embedded raw data allows analyzing report via TempCentre and Cold Chain Cloud.
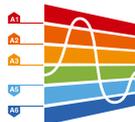
Powerful Indicator Functionality

LCD presents running status, overall alarm status, elapsed time, alarm first triggered time, time out of range, and history statistics with few button clicks.

Built-in USB Connector

Enables quick connection with PC anytime anywhere, no cable and reader required for downloading data.

Multiple Alarm Ranges

Up to 5 alarm ranges offer precise and intuitive statistics for each configured alarm range.

Factory Pre-programmed

All recording parameters pre-programmed in factory, just a click to go before shipment. (User programmable model available)

Online configuration without software

In support of online configuration without needing to download and install specific software.

EN12830 Compliant

Complies to EN12830:1999 for transport, storage and distribution of chilled, frozen, deep frozen, quick-frozen food and others.

EN12830

TempCentre 2.0 Support

Work with TempCentre 2.0 desktop software to easily and accurately view, analyze, archive and share data recorded from transport and storage, and achieve 21 CFR 11 compliance.

log in cold chain

Type	Single Use (Pre-programmed/User programmable optional)
Sensor	Internal NTC
Memory Capacity	7200 readings
Measurement Range	-30°C...70°C (-22°F...158°F)
Accuracy	±0.5°C/0.9°F
Resolution	0.1°C /°F
Start Mode	Manual/Auto/Temperature start
Logging Interval	1 minute…12 minutes
Alarm Range	High and low alarm/5 alarm ranges
Alarm Type	Single Event/Cumulative Alarm
Battery	3.0V CR2032 lithium battery
Typical Run Time	60 days max
Shelf Life	2 years
Display	LCD •OK(√), Alarm(x), Running status •Temperature statistics (max, min, avg) •Alarm configuration parameters •First triggered time for each alarm range •Duration time of each alarm range •Elapsed time
Button	Start/Stop/View
Connection	USB 2.0 Connector
Data Specification	•Temperature •Date/Time
Automatic Data File	Encrypted PDF report with embedded raw data
Software	TempCentre 2.0 (21 CFR 11 Compliance)
Compatible OS	WIN XP/7/8
Calibration	Factory Sampling 6-point Calibration (AQL 0.25)
Certifications	CE, EN12830, RTCA-DO160G (FAA Compliance), Manufacturer's Validation Certificate
Dimensions	93mm L x 45mm W x 6mm H
Weight	Approx. 25g
Packaging/Material	Case/Polycarbonate
Protection Class	IP64

TEMPSEN