TEMPSEN

monitoring for Life Science

DS-A-140906 Rev. A

Alpha TD80

Dry Ice Probeless USB PDF Data Logger

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.

Online configuration without software

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

Repeat Start

Repeat start function enables quick start on site without re-configuration .

Mark Function

Click Mark button to write in time stamp for events requiring special attention during shipment, up to 9 marks available.

3-point Calibration

Factory 3-point calibration, each logger comes with a NIST traceable calibration certificate.

EN12830 Compliant

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

Multiple Alarm Ranges

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

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

LSTechnology

Distributor: LoggerShop Technologies | Dorset
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SPECIFICATIONS

Type	Multi-use
Sensor	Internal RTD Sensor
Memory Capacity	14400 readings
Measurement Range	-80°C...70°C (-112°F...158°F)
Accuracy	±0.5°C/0.9°F
Resolution	0.1°C/°F
Logging Interval	1 minute...2 hours
Alarm Range	High and low alarm/5 alarm ranges
Alarm Type	Single Event/Cumulative Alarm
Battery	3.6V lithium battery
Typical Run Time	100 days
Shelf Life	2 years
Display	Multi-function LCD •OK(√), Alarm(x), Running status •Temperature statistics (max, min, avg) •Limit violation event indication •Duration time of each alarm zone •Mark history
Button	Start/Stop/Mark/View
Connection	USB 2.0 Connector
Data Specification	•Temperature •Date/Time •Mark
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 NIST traceable 3-point calibration
Certifications	CE, EN12830, RTCA-DO160G (FAA Compliance)
Dimensions	107mm L x 56mm W x 18mm H
Weight	Approx. 80g
Packaging/Material	Case/Polycarbonate
Protection Class	IP54

TempSen Electronics Company, a leading provider of data loggers & data acquisition systems headquartered in Shanghai, China, is committed to continuously offering a broad range of temperature monitoring devices and solutions for food and pharmaceutical industries, helping users employ stringent and effective monitoring measures for temperature sensitive goods in transit and storage. TempSen reserves the right to change any specifications and information about products without prior notice. TempSen, ITAG, Tempod are registered trademarks of TempSen Electronics Company. All other trademarks mentioned herein are property of their respective companies.

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