



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.



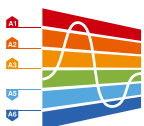
3-point Calibration

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.

| | |
|---------------------|---|
| 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 <ul style="list-style-type: none"> •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 | <ul style="list-style-type: none"> •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 |