

# TEMPSEN



monitoring for  
**Life Science**



## Alpha TD80S

Single Use Dry Ice Probeless USB PDF  
Data Logger



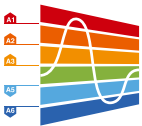
### Auto PDF Report with Embedded Data

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.



### Multiple Alarm Ranges

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



### 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.



### TempCentre 2 Support

Work with TempCentre 2 desktop software to easily and accurately view, analyze, archive and share data recorded from transport and storage, and achieve 21 CFR 11 compliance.

Type	Single use
Sensor	Temperature: Internal RTD Sensor
Memory Capacity	14400 readings
Measurement Range	-80°C...70°C (-112°F...158°F)
Accuracy	±0.5°C / 0.9°F(-30°C...30°C/-22°F...86°F) ±1°C / 1.8°F (rest range)
Resolution	0.1°C / °F
Start Mode	Manual / Auto start
Logging Interval	1 minute...2 hours
Alarm Range	High and low alarm/5 alarm ranges
Battery	3.6V lithium battery
Run Time	30 days (15 days@-80°C)
Shelf Life	2 years
Display	Multi-function LCD <ul style="list-style-type: none"> <li>•OK(✓), Alarm(x), Running status</li> <li>•Temperature statistics (max, min, avg)</li> <li>•Limit violation event indication</li> <li>•Duration time of each alarm zone</li> <li>•Mark history</li> <li>•Remaining battery days</li> </ul>
Button	Start / Stop / Mark / View
Connection	USB 2.0 Connector
Data Specification	<ul style="list-style-type: none"> <li>•Temperature</li> <li>•Date/Time</li> <li>•Mark</li> </ul>
Automatic Data File	Encrypted PDF report with embedded raw data
Software	TempCentre 2 (21 CFR 11 Compliant)
Compatible OS	WIN 7 / 8 / 10
Calibration	Factory NIST traceable 3-point calibration
Certifications	CE, DO160G, RoHS
Dimensions	107mm L x 56mm W x 18mm H
Weight	Approx. 62g
Packaging/Material	Case / Polycarbonate
Protection Class	IP54



Klik hier voor meer informatie op [vonmarcken.nl](http://vonmarcken.nl)

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