AEGIS

Sentinel Trace 2.6" Display
State of-the-art Bluetooth Datalogger

Datalogging thermometer that meets 21 CFR 11 requirements, are ideal for monitoring temperatures in refrigerators, freezers, water baths, heating blocks, and incubators.

Available on the App Store

ANDROID APP ON Google play

Sentinel Trace

https://play.google.com/store/apps/details?id=com.aginova.sentineltrace

Specifications

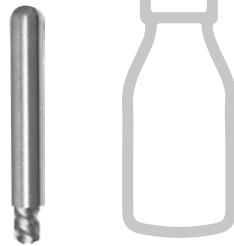|	
Temp Range	-50°C to +70°C (-58°F to +158°F)
Temp Accuracy	±0.25°C in the full range
Temp Resolution	0.01°C or °F
Certifications	ISO 17025, A2LA, NIST
Traceable to NIST	Yes
AC Power	Yes
Battery power	Yes
Battery Type	Rechargeable Li-Ion
Display Type	2.6" 320x240 TFT LCD w/Touch Panel
Min/max Temp Display	Yes
Datalogging Capacity	Up to 128000 measurements
Rolling memory structure	Yes
Data Download	Through Bluetooth
Downloaded Data Format	CSV File
Unique ID for each Thermometer	Yes
Setting Time & Date	Yes
Setting Alarms	Via App
Alarm State Indicators	red LED, Audio Alert, Flashing Display
Number of Stored Alarms Events	Up to 10
Stored Measurement Interval	From 30 seconds to 24 hours
Sampling Rate	5 seconds

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Supports Temperature and Relative Humidity Probes that meet 21 CFR 11 requirements.

	Trace:SNT-X-1	Trace:SNT-X-2	Trace: SHT-X
Temp Range	-30°C to +70°C (-22°F to +158°F)	-50°C to +70°C (-58°F to +158°F)	-40°C to +70°C (-40°F to +158°F)
Temp Accuracy	±0.75°C in the full range	±0.25°C in the full range	±0.3°C, ±3%RH typical
Temp Resolution	0.01°C or °F	0.01°C or °F	0.01°C or °F, 0.01%RH
Relative Humidity Range	NA	NA	
Relative Humidity Accuracy	NA	NA	±3%RH typical
Relative Humidity Resolution	NA	NA	0.01%RH
Types of probes available [1]	Single and Dual	Single and Dual	Single
Certifications	ISO 17025, A2LA, NIST	ISO 17025, A2LA, NIST	ISO 17025, A2LA, NIST
Traceable to NIST	Yes	Yes	Yes
Datalogging Capacity (4M)	128000 measurements	87000 measurements	128000 measurements

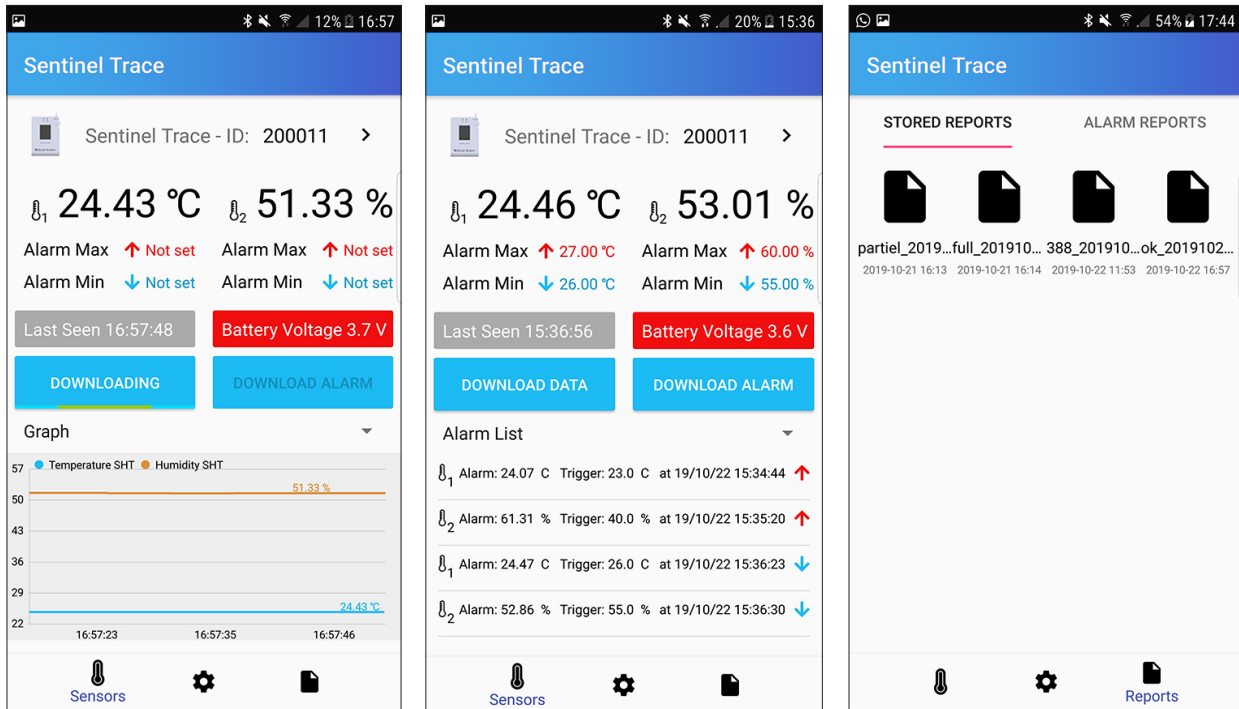1 A single or a dual probe can be connected to the datalogger

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Number of Probe Inputs	Multiple number and types of probes		
Type of Probe	**Trace:SNT-X-1**	**Trace:SNT-X-2**	**Trace: SHT-X**
Range	-30°C to +70°C (-22°F to +158°F)	-50°C to +70°C (-58°F to +158°F)	-40°C to +70°C (-40°F to +158°F)
Accuracy	±0.75°C in the full range	±0.25°C in the full range	±0.3°C, ±3%RH typical
Resolution	0.01°C or °F	0.01°C or °F	0.01°C or °F, 0.01%RH
Certifications/Compliance	ISO 17025, A2LA, NIST		
Traceable to NIST for accuracy	Yes		
AC Power	Yes		
Battery power	Yes		
Battery Type	Rechargeable Li-Ion		
Battery Life	Up to 6 months		
Display Type	2.2" 320x240 TFT LCD w/Touch Panel		
Min/max Temperature Display	Yes		
Datalogging Capacity	Up to 655,360 data		
Data Download	Through Bluetooth		
Downloaded Data Format	CSV File		
Unique ID for each Thermometer	Yes		
Setting the Time and Date	Via App		
Hi/Lo Alarms and Time/Date Stamps	Yes		
Setting Alarms Thresholds	Via App		
Alarm State Indicators	red LED, Audio Alert, Flashing Display		
Number of Stored Alarms Events	Up to 10		
Stored Measurement Interval	From 2/min to 1/day		
Refresh Rate	5 seconds		
Reports	Yes		
Apps for Data Viewing	iOS and Android		

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Features

- Connected sensor, interracting with an Android/iOS app via bluetooth
- Abitlity to set independant upper and lower alarm on each probe
- Stores up to 10 alarms events retrieved on the app.
- Alarms can be downloaded via bluetooth into a csv file format directly through the app
- Possibility to log up to 128000 datapoints
- Data can be downloaded via bluetooth into a csv file format directly through the app
- Sampling period settable in a range of 2/min to 1/day
- Compatible with several kind of probes (see specification sheet)
- Firmware update possible via the app, allowing to constantly improve device functionalites

Sentinel Trace

https://play.google.com/store/apps/details?id=com.aginova.sentineltrace

Contact us:

AEGIS
P.O. Box 2008
Warminster, PA 18974
Phone: Toll Free: 1-800-796-2344
          In PA: 215-281-9180
Fax: +1 732 879 0248