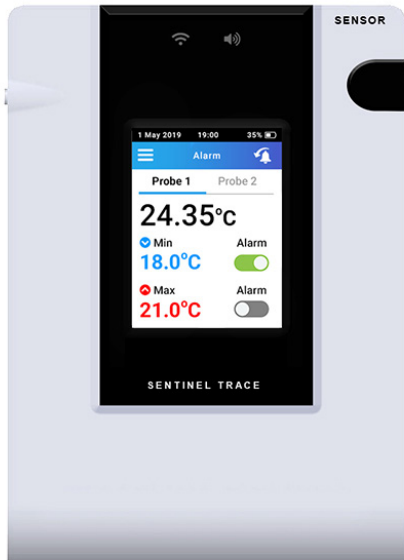


SENTINEL TRACE

State-of-the-art Datalogger



Datalogging thermometer that meets 21 CFR 11 requirements, are ideal for monitoring temperatures in refrigerators, freezers, water baths, heating blocks, and incubators. High-accuracy thermometer has a temperature range of -50 to 70°C and resolution of 0.01°C and maintains an accuracy of ±0.25°C across the entire temperature range.



Stainless Temperature Probe with Platinum RTD sensor.



iOS and Android apps for viewing data.

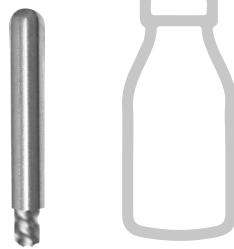
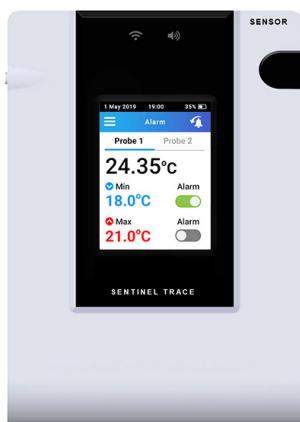
Specifications

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
Battery Life	Up to 6 months
Display Type	2.2" 320x240 TFT LCD w/Touch Panel
Min/max Temp Display	Yes
Datalogging Capacity	349,000 measurements
Rolling memory structure	Yes
Data Download	Through Bluetooth
Downloaded Data Format	On AC Adapter and Battery
Unique ID for each Thermometer	CSV File
Setting Time & Date	Yes
Hi/Lo Alarms and Time /Date Stamps	Via App
Setting Alarms	Yes
Alarm State Indicators	Via App
Number of Stored Alarms Events	Up to 10
Stored Measurement Interval	From 1/min to 1/day
Sampling Rate	5 seconds

SENTINEL TRACE

Probes for Datalogger

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



Pro Probe



RTD Probes



Temp/RH probe

Temp Range	-50°C to +70°C (-58°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	±0.25°C in the full range	±0.25°C in the full range	±0.3°C
Temp Resolution	0.01°C or °F	0.01°C or °F	0.01°C or °F
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)	349,000 measurements		

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

SENTINEL TRACE

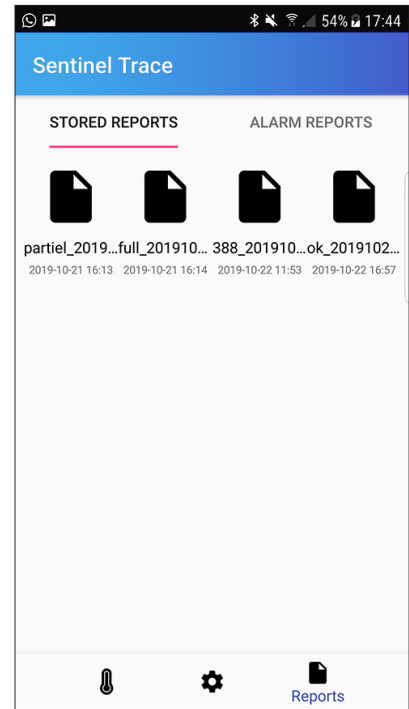
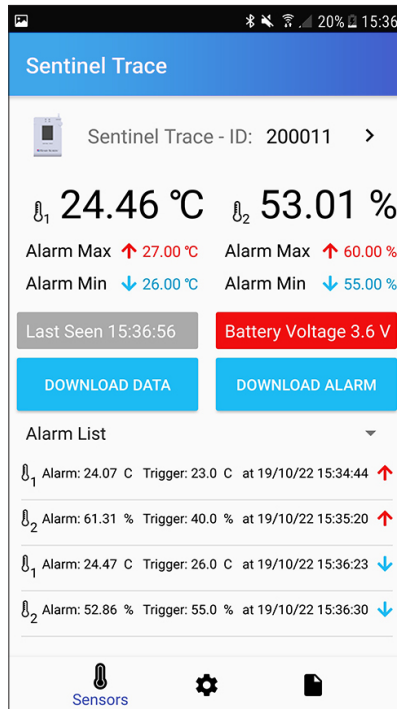
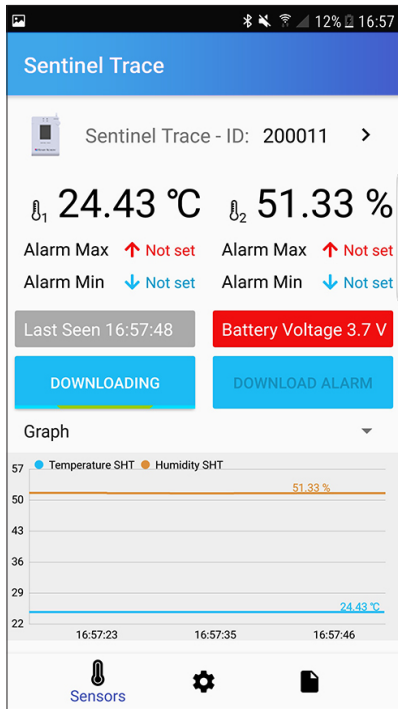
Detailed Specification

Number of Probe Inputs	Multiple number and types of probes		
Type of Probe	RTD	Pro	Temp/RH
Range	-50°C to +70°C (-58°F to +158°F)	-30°C to +70°C (-22°F to +158°F)	-40°C to +70°C (-40°F to +158°F)
Accuracy	±0.25°C in the full range	±0.75°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		

SENTINEL TRACE

Features

- Connected sensor, interacting with an Android/iOS app via bluetooth
- Ability to set independent 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 655,360 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 functionalities



Sentinel Trace

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