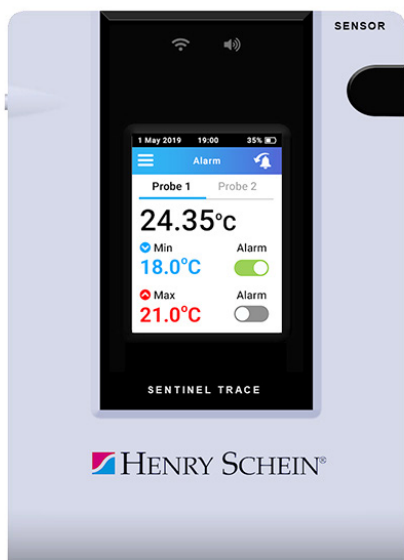


SENTINEL TRACE

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.

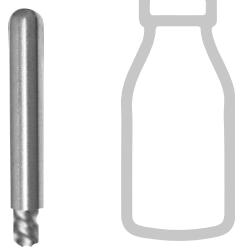
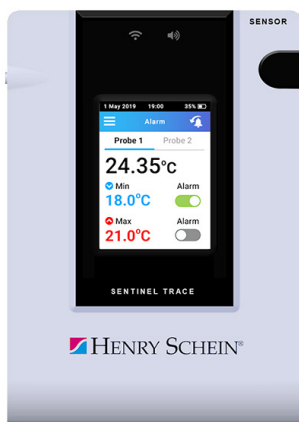
Specifications

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

Comparison

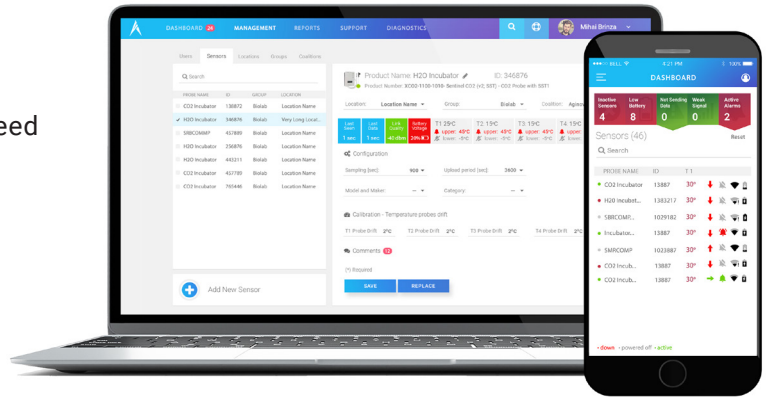
	Sentinel Trace
Product Type	Datalogger Thermometer
Number of Probe Inputs	Multiple number and types of probes
Type of Probe	Dual RTD
Temperature Range	-50°C to +70°C (-58°F to +158°F)
Temperature Accuracy	±0.25°C in the full range
Temperature Resolution	0.01°C or °F
Certifications	ISO 17025, A2LA, NIST
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 Temperature Display	Yes
Datalogging Capacity	349,000 measurements (4MB)
Rolling memory structure	Yes
Data Download	Through Bluetooth
Power Type for Data Download	On AC Adapter and Battery
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	RGB LED, Audio Alert, Flashing Display
Number of Stored Alarms Events	Up to 10
Stored Measurement Interval	From 1/min to 1/day
Sampling Rate	5 seconds
OPTIONAL WI-FI	Yes
Store Data on the Cloud	Automatic Sync
Cloud Datalogging Capability	10,000,000+ measurements
Remote Alerts	Push Notifications, SMS, Emails
Number of Remote Alarms Events	Unlimited
Reports	Yes
Apps for Data Viewing	iOS and Android

SENTINEL NEXT IoT Portal



The Sentinel Next App provides all the tools you need to monitor your important assets on the go.

- Sensor Configuration Wizard
- Push notification alarms
- Sensor signing
- Graphs/Data
- Sensor Health



Inactive Sensors	Low Battery	Not Sending Data	Weak Signal	Low Uptime	Active Alarms
47/156	20/156	47/156	19/156	47/156	23/156

Search sensors

Probe	T1	T2	Health
CompartmentT	74.93	N/A	🟢🔊📶🔋
202032 -20 freezer	-5.10	N/A	🟢🔊📶🔋
AUG115Room	74.50	N/A	🟢🔊📶🔋
ContactorCoilA temp	73.80	N/A	🟢🔊📶🔋
ContactorCoilB Temp	74.53	N/A	🟢🔊📶🔋
HAG1 -80, 3-271, 202..	-121.04	N/A	🟢🔊📶🔋
HAG2 -20, 3-221, 202..	N/A	N/A	🟢🔊📶🔋
ICprobe_Mason_906	72.55	N/A	🟢🔊📶🔋
Mason_Pro_113	58.64	N/A	🟢🔊📶🔋
Mason_Pro_T	74.48	N/A	🟢🔊📶🔋
New1 -80, 3-291, 202..	-98.05	N/A	🟢🔊📶🔋
Sensor_00200002	72.91	N/A	🟢🔊📶🔋
Sensor_00200003	74.26	N/A	🟢🔊📶🔋

Product: 202032 -20 freezer - ID: 00202032

Product Number: External Pro Probe - XTEMP_2000_0001
 Location: Buck Default L Group: Buck Default G Coalition: Buck Default C

Last Seen: 0h2m | Last Data: 0h2m | Link Quality: -76 dBm | Battery Voltage: 4.00 V

temp1: -5.10 °F -114.00 °F
17.00 °F

Graph | Data | Map | Open Alarms | Closed Alarms | Reports | Health

Type: temp1 °F | Date: Last 100 | From: dd/mm/yyyy | To: dd/mm/yyyy

Upper threshold (17°F) | Lower threshold (-114°F)

Highcharts.com

IoT Cloud Services

Your data is stored on the Argus Labs Cloud

IoT Cloud-monitoring service designed for the scientific, business and technology needs of the Pharmaceutical, Blood Bank, Biotech, Hospitals, Pharmacy and Life Sciences industries. The solution is 21 CFR Part 11 compliant.

- Evaluation of our sensors
- Low to large number of sensors
- Setups which require web access
- Monitoring 10+ types of sensors
- New asset tracking feature (call us)

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