Warm-Buffered Sensor

Engineered Specifically for High-Heat Environments

Eliminate false alarms in warming chambers, cabinets, and water baths.

Standard probes without a buffer will monitor air temperature rather than product temperature, triggering disruptive alerts every time a warming door opens.

Sonicu's Warm-Buffered Sensor solves this by using a solid-state thermal mass (POM-H) that mimics the conditions of stored blankets, fluids, and samples.

By filtering out rapid air swings to measure true product temperature up to 105°C (221°F), this sensor helps reduce false alarms while automatically uploading digital NIST certificates directly to SoniCloud for effortless compliance without any extra work put on your teams.



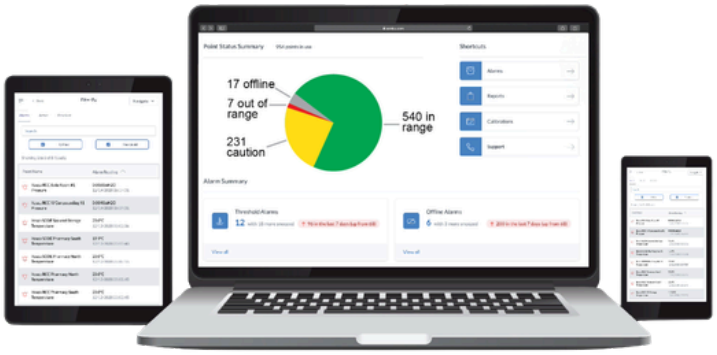
Technical Specifications

Temperature Range & Accuracy	Up to 105˚C (221˚F), +/- 0.50%
Buffer Type	Homopolymer Polyoxymethylene (POM-H)
Dimensions	Sensor: 5 ⅛ inches, Cable: 6 feet
Applications	Warming chambers, incubators, water baths

Industries Served

- Pharmacies
- Laboratories
- Healthcare
- Blood Banks





Key Capabilities

- Continuous environmental monitoring
- Automated text, email, and phone alerts
- Secure cloud dashboards and mobile access
- Historical data storage and automated reporting
- NIST-traceable calibration certificate included
- U.S.-Based and US-Manufactured

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Warm Environment Kits include:



SONISHIELD DUO

Powerful, easy-to-use wireless monitoring device that transmits data to SoniCloud, providing 24/7 automated monitoring and remote visibility.

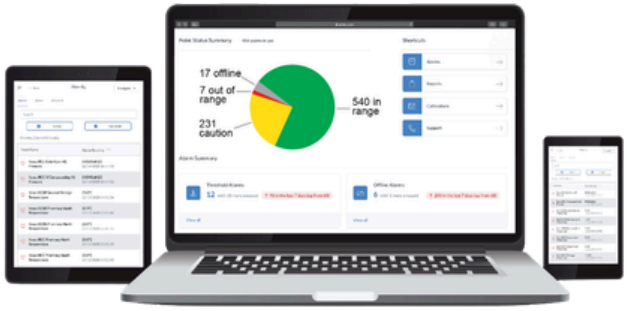
Dual inputs enable monitoring two sensors at once.



SKU: 101279

WARM-BUFFERED SENSOR

Each sensor comes with a NIST Calibration Certificate that uploads to SoniCloud automatically, a power supply, and a 6ft extension cable.



SONICLOUD SOFTWARE PLATFORM

- Supports 21 CFR Part 11 compliance
- Secure records stored in cloud database
- Complete audit trails
- Controlled user access
- Electronic signatures
- Automated reporting

COMPLETE ENVIRONMENTAL MONITORING SOLUTIONS

Sonicu offers a wide variety of other monitoring needs.

Temperature Monitoring



Ultra Low Temperature (SKU: 101231)



Glycol-Buffered for Cold Storage (SKU: 100234)

Cleanroom Monitoring



Air Temp & Humidity (SKU: 114100)



Door Status (SKU: CCI-1)



Differential Pressure (SKU: 114600)

Power Status Monitoring, Workflow Integrations, and More



Third Party Connectivity



BMS/BAS Integration

SPEAK WITH A SPECIALIST

Get a quote or a free demo

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