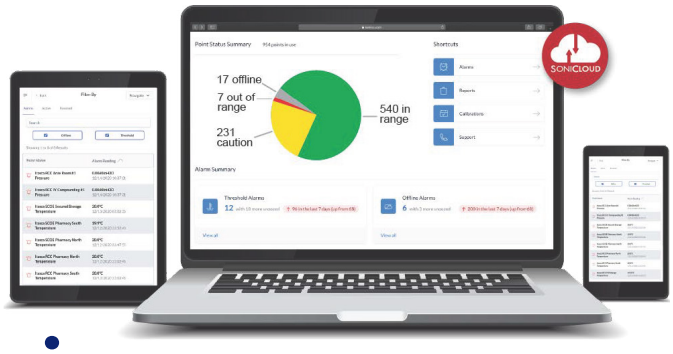
SONICU™

Monitoring. Measured.



Digital Sensors for Temperature & Environmental Monitoring

- Asset Protection
- Compliance Automation
- Reducing Tedious Manual Process

Affordable, plug-and-play solutions that make monitoring, alerting and reporting a snap.

Turnkey kits that install in minutes and deliver ROI for years are simple to buy, easy to install and configure and supported by U.S.-based phone support.

When combined with our ability to monitor other conditions with third-party sensors, including air quality, gases, power usage, vibration and motion.

From ULT/Cryo to high heat temperatures as well as air pressure differential, relative humidity and CO2, Sonicu delivers a robust portfolio of monitoring options. Coupled with our SoniCloud software platform as well as our automated NIST calibration program, Sonicu has vast experience helping healthcare and life science professionals compliant.

All available on your mobile device so you're never far from your critical conditions and environments.

Typical Applications Include

TEMPERATURE
- Refrigerators
- Freezers
- Walk-In Cooler
- Refrigerated Warehouse
- Cold-Chain Distribution

TEMPERATURE
- Blanket Warmers
- Incubators Food Warmers
- Food or Livestock Producers
- Industrial Applications

HUMIDITY
- Compounding Rooms
- Warehouses
- Clean Rooms
- Surgery Rooms
- Research Labs

DIFF. AIR PRESS.
- Compounding Rooms Surgeries and Isolation Rooms Clean Rooms
- Construction Sites
- HVAC Systems

CRYOGENIC
- Cryogenic Freezers Liquid Nitrogen Dewars
- Cryotherapy
- Biologic In-Vitro Flash Freezing

INCUBATOR
- Incubator Life Science Research

"SNAP" Calibration: Confidence. Convenience. Cost-effectiveness.

Compliance is a "SNAP." Enrollment in Sonicu's SNAP Calibration program ensures your sensors are accurate, properly calibrated, and regulatory compliant. Sonicu automatically provides new sensors with NIST traceable calibration certificates before your sensor's expiration date. Compliance is completed by removing the old sensor and snapping in the new one.

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Sonicu Digital Sensor Information

NIST National Institute of Standards and Technology U.S. Department of Commerce

Glycol-Buffered Temperature Sensor

Includes NIST Calibration Certificate

Glycol buffered sensor is ideal for cold storage applications including medical freezers and refrigerators. Best choice for vaccines, medications, and biologic materials storage.

Temperature Range	Accuracy
-55˚C to +30˚C/ -67˚F to 86˚F	+/- 0.5◦ C

Solid-buffered Temp Sensor

Includes NIST Calibration Certificate

Nylon buffered alternative when a glycol buffered sensor is not required. A great choice for cold-chain applications for med fridges, food storage, and transport.

Temperature Range	Accuracy
-55˚C to +30˚C/ -67˚F to 86˚F	+/- 0.5◦ C

Non-Buffered Temperature Sensor

Includes NIST Calibration Certificate

Non-buffered sensor designed for warm storage applications including blanket warmers, food warmers, incubators, etc. Also used for cold storage when a buffered sensor is not needed.

Temperature Range	Accuracy
-55˚C to +125˚C/ -67˚F to 257˚F	+/- 0.5◦ C

Incubator Sensor

Includes NIST Calibration Certificate

The incubator monitoring solution includes temperature, humidity and CO_2, making it the ideal, cost-effective platform for life science professionals.

CO_2 Range / Accuracy	0-25% CO_2 / 0.5% CO_2 + 3%
Temp Range / Accuracy	-10 to 80 ºC/ 14˚F to 176˚F; +/- 0.4 ºC
Humidity Range/ Accuracy	0 - 80% RH; +/- 3% RH

Ambient Temp & Humidity Sensor

Includes NIST Calibration Certificate

Combined temperature and humidity sensor is ideal for monitoring conditions in clean rooms, surgeries, labs, compounding pharmacies, warehouses, etc.

Part No. 101212

	Range	Accuracy
Temperature	-10˚C to +80˚C/ 4˚F to +176˚F	+/-0.4˚C
Humidity	0 – 100% RH	+/- 3% RH

Air Pressure Differential Sensor

Includes NIST Calibration Certificate

Monitors air pressure between rooms to maintain safe environment. For healthcare, pharmaceutical, construction, and HVAC. Pickups include air duct, wall plate, and ceiling mount.

Pressure Range	Accuracy
+/- 4 in water column	+/- .50%

Ultra-Low Temperature Sensor

Includes NIST Calibration Certificate

Use for sensing top level of LN2 dewars as low as -80˚C. Cryogenic sensors also available for even colder, bottom-level monitoring.

Temperature Range	Accuracy
-10˚ to -80˚C/ 14˚F to -112˚F	+/- 0.25˚C

Warm-Buffered Sensor

Includes NIST Calibration Certificate

Use for measuring temperatures in warm environments. Applications: Warming ovens, incubators, blanket warmers in medical, research, and industrial.

Temperature Range	Accuracy
Up to 105˚C/ 221˚F	+/- 0.5◦ C