

CO₂ Incubator Monitoring Solution

Monitor Temperature, Humidity, and CO₂ with One Sensor

Protect sensitive cultures, research materials, and critical incubator assets with smart monitoring and automated reporting that supports compliance.

Sonicu's incubator sensor automatically collects data on three critical monitoring conditions: temperature, humidity, and CO₂ concentration.

Built-in incubator sensors drift over time. Sonicu's calibrated sensors deliver verified, uninterrupted precision you can trust.

Data streams wirelessly straight to SoniCloud, eliminating manual paper clipboards and saving staff hours on routine log checks.

From the same platform, you can generate automated or on-demand compliance reports with a single click to keep your lab calm, confident, and audit-ready 24/7.

Key Capabilities

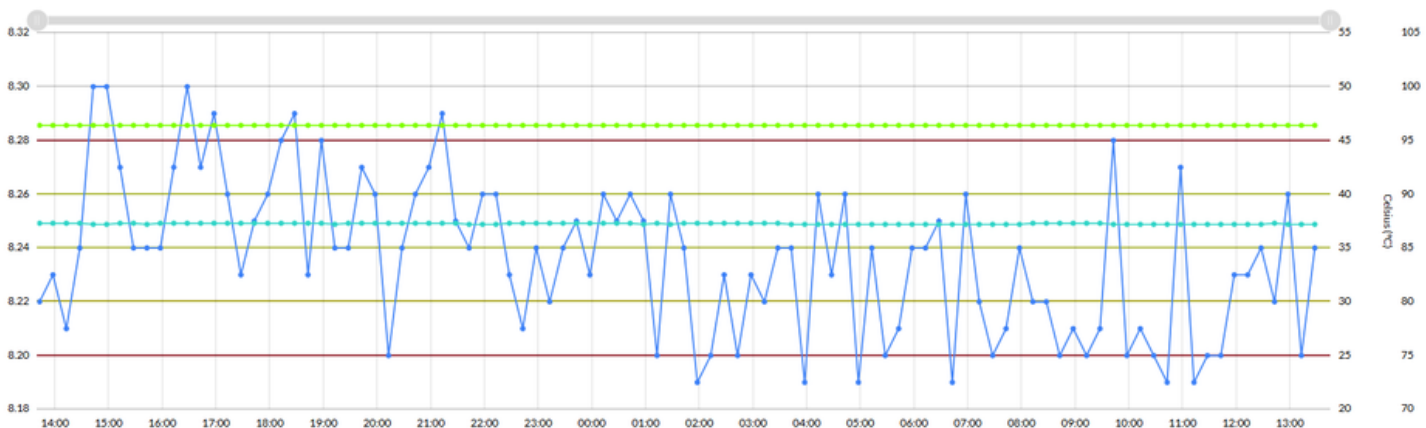
- Continuous environmental monitoring
- Automated text, email, and phone alerts
- Secure cloud dashboards and mobile access
- Historical data storage and automated reporting
- NIST-traceable calibration certificate included
- U.S.-Based and U.S. Manufactured



Technical Specifications

Temperature Range & Accuracy	-40 - 125°C; +/- 0.3°C
Humidity Range & Accuracy	0 - 100% RH; +/- 2%
CO₂ Range & Accuracy	0 - 25% CO ₂ ; +/- 0.5% + 3% MV
Dimensions	38.1 mm x 25.654 mm (1.5 in x 1.01 in)
Applications	Pharmacies, Biotech, and Research Labs

See temperature (teal), humidity (green), and CO₂ (blue) data readings in real time.



Incubator Monitoring 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: 114500

CO₂ INCUBATOR SENSOR

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

Kits available with one sensor or two.



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 LAB ENVIRONMENTAL MONITORING SOLUTIONS

Sonicu offers a wide variety of non-CO₂ monitoring needs as well.

Cleanroom Monitoring

Temperature Monitoring



Ultra Low Temperature
(SKU: 101231)



Glycol-Buffered for Cold Storage
(SKU: 100234)



Air Temp & Humidity
(SKU: 114100)



Door Status
(SKU: CCI-1)



Differential Pressure
(SKU: 114600)

Power Status Monitoring, Workflow Integrations, and More



BMS/BAS Integration



Third Party Connectivity

SPEAK WITH A SPECIALIST

Get a quote or a free demo

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