

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

Glycol-Buffered Temperature Sensor

Ideal solution for maintaining precise **temperature control in cold storage** applications, particularly in medical freezers and refrigerators.

With our advanced Glycol-buffered Temperature Sensor, we ensure that the temperature remains consistent and within the required range. This technology is specifically designed to meet the stringent demands of storing:

- Vaccine
- Medications
- Biologic materials

The Glycol Buffered Temperature Sensor offers exceptional accuracy and stability in monitoring cold storage environments and acts as a reliable buffer, minimizing temperature fluctuations and providing a more consistent reading.

*Includes NIST Calibration Certificate

FEATURES

- · Real-time alerts and notifications
- Automated compliance reporting system
- Simple mobile app configuration, accessibility and monitoring
- US-based phone support
- Lifetime warranty with software subscription



MONITORING SPECIFICATIONS

Temperature Range

 -55° C to $+30^{\circ}$ C/ -67° F to 86° F

Accuracy

+/-0.5°C



Stored vaccines, medications, and biologic materials are kept at optimal conditions for their efficacy and longevity.





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Our Kit Includes:



SONICLOUD - SOFTWARE ACCESS

All Sonicu monitoring solutions include SoniCloud, a modern, scalable, monitoring platform that includes software and firmware updates, ensuring future compatibility and data storage.

SONISHIELD DUO

The most powerful and easy-to-use wireless monitoring device available that wirelessly transmits critical sensor data to the SoniCloud platform for 24/7 automated monitoring, visibility, and regulatory compliant reporting.





GLYCOL-BUFFERED TEMPERATURE SENSOR

Ideal for cold storage applications including medical freezers and refrigerators. Best choice for vaccines, medications, and biological material storage.

POWER ADAPTER

Reliable and continuous operations ensuring that devices are consistently powered and able to capture and transmit data accurately.



