

# 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
- Door closure sensor (optional)



#### **MONITORING SPECIFICATIONS**

Temperature Range

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



#### **DOOR CONTACT SENSOR (OPTIONAL)**



