

WHY USE TEMPERATURE MONITORING?

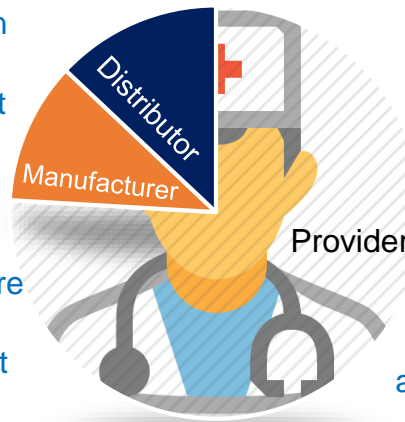
Protect Vaccine Efficacy Throughout the Cold Chain

80% of Vaccine Cold Chain is Providers Responsibility.

Vaccine Cold Chain Responsibility

The vaccine cold chain is a temperature-controlled environment used to maintain and distribute vaccines in optimal condition.

Monitor the temperature of your storage units regularly to assure that appropriate conditions are maintained.



Providers assume responsibility of vaccines once the vaccines arrive at the provider's facility, starting the vaccine storage and handling process until administered to patients.

Failure to store and handle vaccines properly can reduce vaccine potency, resulting in inadequate immune responses in patients and poor protection against disease. – CDC

Let SMART Temps Help Monitor Your Vaccine Cold Chain

- Digital display on outside of storage unit
- Detachable probe in a bottle filled with a thermal buffer, like glycol, which more closely reflects vaccine temperatures
- Alarm to alert out-of-range temperatures
- Accuracy within +/-1°F (+/-0.5°C)
- Low battery indicator
- Continuous monitoring and recording capabilities to track and record temperatures over time
- Minimum and maximum temperatures
- Calibrated temperature monitoring devices with a Certificate of Traceability and Calibration
- Cloud based web tool stores temperatures for 7 years, exceeding the 3 year CDC requirement
- Electronically document corrective actions, repairs and length of exposures
- Unique temperature deviation algorithm, sends true alerts
- No software or server access needed



Vaccine Potency

Excessive heat, cold, or light exposure can damage vaccines, resulting in reduced potency. Once potency is lost, it cannot be restored. Each time vaccines are exposed to improper conditions, potency is reduced further. Eventually, if the cold chain is not properly maintained, potency will be lost, and the vaccines become useless. – CDC

Reduced vaccine potency due to inappropriate storage conditions can be costly. Patients who receive vaccine with reduced potency caused by inappropriate storage conditions may not be fully protected against vaccine-preventable diseases. - CDC

Accurate temperature history that reflects actual vaccine temperatures is imperative to effective vaccine management. Investing in reliable temperature monitoring devices is less expensive than replacing vaccines wasted due to inaccurate temperature readings. – CDC

CDC recommends using a continuous temperature monitoring device for each storage unit. These devices can provide an indication of length of time a unit has been operating outside the recommended vaccine storage temperature (excursion) and when an excursion occurred. Unlike a simple min/max thermometer, which provides only information about warmest and coldest temperatures that were reached, the continuous monitoring device provides detailed information on all temperatures recorded at preset intervals. – CDC

Use of a continuous monitoring device/digital data logger to record and store temperatures for 24-hour monitoring at regular intervals is recommended. – CDC

Want more information?

Contact SMART Temps for your 30 day trial!

Contact Josh Griggs, Director of Healthcare Sales, to set up a time for a quick webinar!
E: Josh@SMART-Temps.com O: 877.272.3111 Ext. 160