

Vaccines for Children (VFC)/Wyoming Vaccinates Important People (WyVIP) Thermometer Purchasing Guidelines

Digital Data Logger Thermometer Guidelines

The use of digital data logger thermometers is recommended for monitoring vaccine storage unit temperatures.

NOTE: This will be a requirement in 2015.

1. Digital data logger thermometer with a detachable probe in a buffered material (i.e., glycol)
2. Provides continuous monitoring information with an active display
3. Temperature should be easily readable from the outside of the unit
4. Alarm for out-of-range temperatures
5. Current, minimum and maximum temperatures
6. Reset button
7. Low battery indicator
8. Accuracy of +/- 0.5°C (1°F)
9. Memory stores at least 4,000 readings; device will not write over old data – stops recording when memory is full
10. User programmable logging interval (or reading rate) – should be set to read at least every 15 minutes
11. To retrieve data, the main unit can be disconnected from the cable, leaving the probe inside the storage unit
12. Data should be downloaded and reviewed weekly; preferably Monday morning

Thermometer Calibration

1. Use only calibrated thermometers with a current Certificate of Traceability and Calibration Testing (also known as Report of Calibration).
2. Providers are responsible for maintaining current certificates of calibration.
3. The “Calibration Certificate Checklist for Thermometers” should be used to determine if a thermometer meets CDC requirements for calibration testing. The checklist can be found on the Immunization Program website: www.immunizewyoming.com → Vaccine Storage and Handling. All thermometers used **must** meet the calibration standards as defined in the Calibration Certificate Checklist.

Other Notable Information

1. Providers are required to have at least one calibrated thermometer in each storage unit that contains VFC/WyVIP vaccines.
2. Each provider must have at least one calibrated back-up thermometer available for use. The back-up thermometer should be stored in a refrigerator unit; however, there does not need to be a back-up thermometer in each storage unit.
3. In 2015, any thermometer used for monitoring VFC/WyVIP vaccine temperatures must be a calibrated data logger that has all of the above listed features.

Note: The Wyoming Immunization Program is not able to recommend any brand/manufacture over another. Updated April 2014.