



## **Data Loggers: Continuous Monitoring Thermometer Devices**

Effective January 1, 2018 all SSV providers are required to have a working calibrated thermometer device and back-up device with a current, valid certificate of calibration, issued by an ILAC MRA-accredited lab or, a certificate of calibration statement indicating it meets ISO 17025 standards. The immunization program will provide devices and back-up devices to practices at no cost, but if practices accept them from the state they will be responsible for the cost of recalibration and repair/replacement if the unit is damaged. Providers may choose to purchase their own calibrated thermometer device and back-up device that meet all the following CDC criteria:

- Be a continuous monitoring and recording device
- Have a buffered probe of liquid (glycol or glycerin) or loose media (glass beads or sand) or solid (Teflon or aluminum). These buffered materials measure the temperature of the vaccine in the vial rather than the air temperature in the vaccine unit.
- A digital display that can be read easily from the outside of the unit
- Be within (+/-1 °F) (+/-0.5 °C) accuracy
- Displays current, minimum, and maximum temperature reading
- Reset button for min/max display
- Memory storage for at least 4000 readings
- Alarm for out-of-range temperatures
- User-programmable logging intervals (or reading rate)
- Low battery indicator
- Ability to generate temperature reports for vaccine order submission

Please contact your Immunization Program Representative if you have data logger criteria questions.