

Data Logger Setup and Use

COVID-19 Vaccine

Use these instructions to configure primary and backup devices. Refer to your device's product guide or video to learn how to use your data logger. Call the vendor's support number for all questions regarding setup, functionality, or configuration.

Set Up and Get Familiar with Functions:

1. Open the box and retrieve its contents.

- Store the certificate of calibration in the practice's VFC Program binder.
- Locate vendor's support number for assistance with setup.
- Review any training video or resources.
- Review the manufacturer's product guide.

2. Place the buffered probe in the center of the vaccine storage unit.

- Slide the cable through the hinge side of the door and close the storage unit door.

3. Set up and prepare your device following any configuration prompts.

- Install software, if necessary based on device make and model. Data download might require a flash drive or cloud account.
- Assign a device name (for example, Injection_Room_Unit_01).
- Configure settings for temperature logging and alarm. Use the LO/HI limits below.

Settings	Refrigerator (Pfizer, Moderna)	Freezer (Moderna)	ULT Freezer (Pfizer)
LO	2°C (36°F)	-25°C (-13°F)	-80°C (-112°F)
HI	8°C (46°F)	-15°C (5°F)	-60°C (-76°F)

Example:

Configure Options

Date, Time: Today, 12:00 pm

Temperature Scale: Fahrenheit

Record every: 30 Minutes

Alarm Trigger

HI (above/equal): 46.1°F

LO (below/equal): 35.9°F

4. Place or mount the digital display outside the storage unit.

Temperatures must be visible without opening the storage unit door.

- Attach the digital display to the probe's cable.

5. Ensure the device is set to begin monitoring vaccine temperatures.

6. Get familiar with the device using the manufacturer's training materials.

- Locate CURRENT, MIN, and MAX readings. These readings might appear on the digital display or be accessed by menu buttons (for example, REVIEW, START, or DISPLAY).
- Determine how your device will communicate temperature alarms. For example, audible alarms, visual light/icon, or text/e-mail alerts.

7. Practice downloading temperature data files.

- Ensure the probe remains in the vaccine storage unit at all times.

8. Save your downloaded temperature data files to your computer.

- Create separate folders for each storage unit by location (for example, Injection_Room_Unit_01).

9. Resume temperature recording after data downloads, if necessary based on device make and model.

- If the device was stopped and disconnected, carefully reconnect and restart.

10. Get familiar with your downloaded temperature data files.

- Locate excursion time/date, MIN/MAX temperatures, and total time above/below alarm limits.
- Locate the one-page summary report (if available).

11. Update the vaccine management plan with the primary and backup devices.

12. Begin using the new device to record storage unit temperatures after 3-5 days of use.