



# Single Use Temperature Monitors for COVID-19 Vaccine Transport and Handling

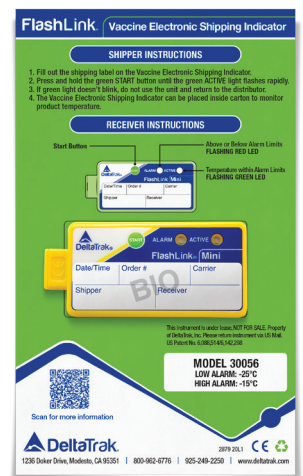
Proper temperature management of vaccines is essential to ensure their efficacy is not jeopardized during transportation, storage, handling and distribution. Single-use temperature monitors track conditions which vaccines are exposed to throughout the cold chain supply network, and provide alerts when they have been subjected to conditions outside their required temperature range. Monitoring down to the last mile will help prevent clinicians from administering compromised doses which may not protect patients from contracting the COVID-19 virus. Temperature data can also facilitate identification of where and when breaks have occurred in the cold chain.

## FlashLink Vaccine Electronic Shipping Indicator

Immediate visual pass/fail indication of temperature excursions

### Model 30055 | 30056

- Measures temperature from -40°C to 50°C
- Refrigerated and frozen vaccines
- Model 30055: Low alarm 2°C, high alarm 8°C
- Model 30056: Low alarm -25°C, high alarm -15°C
- Monitors up to 85 days
- Alarm triggers irreversible indicator: green LED pass, red LED fail



The following vaccine monitoring solutions support compliance with three temperature profiles, based on the type of vaccine being handled: refrigerated 2°C to 8°C, frozen -25°C to -15°C, and ultra-low temperature -80°C to -60°C. Data can be uploaded and viewed on ColdTrak, a secure web application for sharing information with stakeholders who make critical cold chain decisions. It also allows archiving for record keeping and verification of compliance.

## FlashLink Dry Ice PDF In-Transit Logger

Ultra-low temperature conditions, down to -82°C

### Model 40701

- Records temperature from -82°C to 45°C, up to 85 days
- Patented Shadow Log feature guarantees data, even if unit isn't activated
- View temperature statistics and alarm details on LCD, on demand
- Onboard software automatically creates PDF and CSV reports
- Direct USB connection, no reader, adapter or software required
- 21 CFR Part 11 compliant
- Pillow sleeve protects from direct contact with dry ice, while allowing accurate temperature measurement



## FlashLink. PDF Vaccine In-Transit Logger

### Preset alarms for refrigerated or frozen vaccines

Model 40458-08 | 40458-09

- Records temperature from -40°C to 50°C
- Patented Shadow Log feature guarantees data, even if unit isn't activated
- Refrigerated vaccine alarms: Low 2°C / high 8°C
- Frozen vaccine alarms: Low -25°C / high -15°C
- View temperature statistics and alarm details on LCD, on demand
- Onboard software automatically creates PDF and CSV reports
- Direct USB connection, no reader, adapter or software required
- 21 CFR Part 11 compliant



## FlashLink. RTL Prime 3G Cryo In-Transit Logger

### Real-time data for ultra-low temperature shipments with dry ice or liquid nitrogen

Model 22368

- Records temperature from -200°C to 100°C
- Highly accurate external RTD sensor
- Data automatically uploads to 24/7 cloud application
- No need to open shipping box or vehicle door to read logger
- Location plotted on Google Maps
- Light sensor alert when box or door opens, for added security
- On-board memory records data every 10 minutes
- PDF backup report downloaded to a PC with standard USB cable

