

InTemp VFC Compliant Temperature Storage Monitoring

Multi-use Bluetooth VFC digital data logger with probe in glycol bottle

VFC/CDC compliant temperature monitoring device with probe in glycol, LCD, and alarm indicators. Comes with a 3-year NIST certificate and a swap-out recalibration program for continuous monitoring.

Important Information

Remote monitoring, process automation, and alarm notifications require the CX5001 Gateway. Gateway and mobile devices must be within 100ft (30.5m) Bluetooth range for data transmission.



Compatible with
InTemp Wi-Fi/Ethernet IoT Gateway
InTempConnect®
InTemp Mobile App
InTempVerify



Supported Measurements

Temperature

Features

- Complies with all CDC and Vaccine for Children (VFC) program requirements
- Integrates with mobile and cloud platforms for a 21 CFR Part 11 compliant solution
- Easy-to-read display with current and daily min/max temperatures
- Bluetooth transmission of data and alarm states
- Real-time alerts and automatic data downloads with optional CX Gateway device
- Logger setup and download of data in seconds – without a PC or cable
- +/- 0.5° C accuracy for reliable temperature readings
- Battery-powered to guard against local power loss
- Several glycol bottle sizes with probe and cable-length options
- Includes 3-year ISO 17025 calibration (probe only, per CDC guidelines)

Who It's For: Required to follow Vaccines for Children & CDC requirements, specifically:

- Probe in glycol
- CDC/VFC compliant with 3 year NIST certificate (probe only)
- GDP/GMP compliant
- Frozen to refrigerated monitoring
- For monitoring COVID vaccines

Contact Us

Sales (8am to 5pm ET, Monday through Friday)

- 1-508-743-3309 (US & International)
- +45 6154 5745 (EMEA)

Technical Support (8am to 5pm ET, Monday through Friday)

- Email InTempHelp@onsetcomp.com
- Contact Support online www.onsetcomp.com/intemp/contact/support

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InTemp VFC Compliant Temperature Storage Monitoring (CX402-VFCxxx) Specifications

External Temperature Probe

Range	-40° to 100°C (-40° to 212°F)
Accuracy	±1.0°C from -40° to -25°C (±1.8°F from -40° to -13°F) ±0.5°C from -25° to 80°C (±0.9°F from -13° to 176°F) ±1.0°C from 80° to 100°C (±1.8°F from 176° to 212°F)
Resolution	0.024°C at 25°C (0.04°F at 77°F)
NIST Calibration	Single point NIST calibration, probe only
Cable Length	2 or 4 meter (6.56 or 13.12 feet) flat ribbon cable
Probe Dimensions	Food-grade stainless steel probe with pointed tip, 53.34 mm (2.1 inches) long, 3.18 mm (0.125 inches) diameter

Temperature Sensor

Range	-30° to 70°C (-22° to 158°F)
Accuracy	±1.0°C from -30° to -22°C (±1.8°F from -22° to -8°F) ±0.5°C from -22° to 50°C (±0.9°F from -8° to 122°F) ±1.0°C from 50° to 70°C (±1.8°F from 122° to 158°F)
Resolution	0.024°C at 25°C (0.04°F at 77°F)

Logger

Radio Power	1 mW (0 dBm)
Transmission Range	Approximately 30.5 m (100 ft) line-of-sight
Wireless Data Standard	Bluetooth Low Energy (Bluetooth Smart)
Logger Operating Range	-30° to 70°C, 0 to 95% RH (non-condensing) (-22° to 158°F, 0 to 95% RH (non-condensing))
Logging Rate	1 second to 18 hours
Battery Type	Two AAA batteries, user replaceable
Battery Life	1 year, typical with logging interval of 1 minute. Faster logging intervals, remaining connected with the InTemp app, excessive report generation, numerous audible alarms, and paging all impact battery life.
Memory	128 KB (84,650 measurements, maximum)
Full Memory Download Time	Approximately 60 seconds; may take longer the farther the device is from the logger
LCD	LCD is visible from 0° to 50°C (32° to 122°F); the LCD may react slowly or go blank in temperatures outside this range
Dimensions	9.4 x 4.5 x 2.59 cm (3.7 x 1.77 x 1.02 inches)
Weight	90.2 g (3.18 oz)
Environmental Rating	IP54

Notices

Passed RTCA DO160G, part 21H

