InTemp by Onset

InTemp® CX603 Data Logger

InTemp Dry Ice Logger - Multiple Use Data Logger (CX603)

The InTemp CX603 Dry Ice data logger is a Bluetooth Low Energy (BLE)-enabled multiple-use logger that records temperature data for up to 365 days. The CX603's built-in 1.5m probe measures temperatures as low as -95°C (-139°F) and includes a protective sheath to prevent accidental cutting of the cable, and a clip for secure mounting.

Using the InTemp® app on your mobile device, you can easily configure the CX603 with one of multiple preset configurations, or set up a custom configuration. The logger has a built-in alarm to alert you to excursions. And logger reports can be quickly downloaded to your phone or tablet and uploaded to an InTempConnect® account, where you can analyze and export data as needed.

With the optional CX Gateway, you can get real-time notification of temperature excursions and automatically download data from loggers within range of the device. Learn more about the CX Gateway here.

Key Advantages:

- IATA Battery compliant
- 3-Point NIST Certificate of Calibration, valid for one year from date of purchase
- Anti-cut sheath
- Integrates with mobile and cloud platforms for a 21 CFR Part 11 compliant solution
- Compact and lightweight – ideal for shipping pharmaceuticals
- No need to open containers to access data
- Ensures secure data via encrypted technology

InTemp CX603 Data Logger Specifications

Temperature Probe	
Sensor Range	-95° to 50°C (-139° to 122°F)
Accuracy	±1.5°C from -95° to -40°C (±2.7°F from -139° to -40°F) ±1.0°C from -40° to -10°C (±1.8°F from -40° to 14°F) ±0.5°C from -10° to 50°C (±0.9°F from -14° to 122°F)
Resolution	0.013°C at 25°C (0.023°F at 77°F)
NIST Calibration	Three-point NIST calibration, probe only
Cable Length	1.5 m (4.92 ft)
Probe Dimensions	Food-grade stainless steel probe with blunt tip, 31.75 mm (1.25 inches) long, 4.78 mm (0.188 inches) diameter
Logger	
Logger Operating Range	-30° to 50°C (-22° to 122°F)
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)
Type	Multiple use
Duration	365 days
Shelf Life	Up to 1 year
Logging Rate	1 second to 18 hours
Battery	CR2450 3V lithium, not replaceable. Battery for CX602 and CX702 models lasts for duration specified when logger is used within the 1-year shelf life. Battery life for the CX603 and CX703 models is 1 year, typical with logging interval of 1 minute. Faster logging intervals, remaining connected with the InTemp app, excessive downloads, and paging may impact battery life.
Memory	16,000 measurements
Full Memory Download Time	Approximately 30 seconds; may take longer the farther the device is from the logger
Dimensions	6.9 x 4.5 x 1.1 cm (2.71 x 1.76 x 0.42 inches)
Weight	25.5 g (0.90 oz)
Environmental Rating	IP65
CE	The CE Marking identifies this product as complying with all relevant directives in the European Union (EU).

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Contact Us

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