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InTemp CX602 Bluetooth 90 Day Single-Use Dry Ice Temperature Data Logger

Product Images

Short Description

The Onset InTemp CX602 Dry Ice data logger is a Bluetooth Low Energy (BLE)-enabled single-use logger that records temperature data for up to 90 days. The CX602'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.

Description

Using the InTemp® app on your mobile device, you can easily configure the CX602 with one of multiple preset configurations, or set up a custom configuration. The logger has a built-in alarm to alert you to

https://www.tempcon.co.uk/intemp-cx602-dry-ice-data-logger-single-use-90-days

19/04/2024

excursions. And logger reports can be quickly downloaded to your phone or tablet and uploaded to an InTempConnect® account, where you can analyse and export data as needed.

With the optional CX Gateway device, you can get real-time notifications via email or text of temperature excursions, and automatically download data from loggers within range of the device.

Key Features of the CX602

- Compact and lightweight – ideal for shipping pharmaceuticals
- Bluetooth means no need to open containers to access data
- Record up to 14,000 data points
- Anti-cut cable sheath
- Three-point ISO/IEC 17025 NIST 'UKAS' Certificate of Calibration, valid for one year from date of purchase
- International Air Transport Association (IATA) compliant battery
- Integrates with mobile and cloud platforms for a 21CFR Part 11 compliant solution
- Secure data via encrypted technology.

Additional Information

Country of Manufacture	United States
Brand	Onset InTemp
Measurements	Temperature
Typical applications	Cold Chain, Datalogging, Life Sciences, Medical, Pharmaceutical
Explanation	To see the full specifications for this product, please see the product manual under the Resources tab.

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)
Drift	<0.1°C (0.18°F) per year
Response Time	1 minute 30 seconds typical to 90% in open air moving 1 m/s, unmounted
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	Single use
Duration	Up to 90 days
Shelf Life	Up to 1 year
Logging Rate	1 second to 18 hours
Time Accuracy	±1 minute per month at 25°C (77°F)
Battery	CR2450 3V lithium, not replaceable. Battery for the CX602 lasts for duration specified when logger is used within the 1-year shelf life. 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
	The CE Marking identifies this product as complying with all relevant directives in the European Union (EU).

Passed RTCA DO160G, part 21H

Ideal For	Professional
Dimensions	6.9 x 4.5 x 1.1 cm
Batteries	CR2450 (included)
Power	Battery only

Additional Options

Optional Remote Cloud-based Access to Your Data	InTemp CX Internet Gateway (SKU: CX5000)
CX Gateway Service Plan Subscription - required with CX Internet Gateway	CX Gateway Service Plan Subscription (1 Year)