



InTemp CX402 Bluetooth Fridge Temperature Logger (With External Probe)

Product Images



Short Description

The InTemp CX402 (with external probe) data logger monitors temperatures in refrigerators, freezers and other temperature-controlled environments. The CX400 range of data loggers communicate wirelessly via Bluetooth Low Energy to mobile devices.

Description

Used in conjunction with the InTemp app, you can easily view data, check logger status, set alarms, and create and share secure PDF reports for streamlined reporting and regulatory compliance. All data loggers

feature a built-in LCD display to view current and daily min and max temperatures, advanced audible and visual alarm capabilities for notification of temperature excursions, an internal sensor for ambient temperature monitoring, and an ISO 17025 (NIST) Certification of Calibration.

With the optional [CX Gateway device](#), you can get remote alert notifications of temperature excursions and automatically download data from loggers within range of the device.

This model is available with your choice of a 2 or 4 metre cable connected to either a sharp or blunt tip probe. The blunt tip probe is ideal for applications such as blood supplies monitoring and direct product monitoring.

Features

- Easy-to-read display with current and daily min/max temperatures
- Audible and visual alarms
- Bluetooth transmission of data and alarm states
- Logger setup and download of data in seconds – without a PC or cable
- +/- 0.5C accuracy for reliable temperature readings
- Battery-powered to guard against local power loss
- Several Glycol bottle/probe-only options available
- Optional ISO 17025 compliant calibration service (NIST included)
- Perfect for monitoring vaccine storage conditions.

Additional Information

Country of Manufacture	United States
	To see the full specifications for this product, please see the Data Sheet found under the Resources tab.
	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 (-22° to 158°F), 0 to 95% RH (non-condensing)
	Logging Rate 1 second to 18 hours
	Time Accuracy ±1 minute per month at 25°C (77°F)
	Battery Type Two AAA 1.5 V alkaline or lithium 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
Explanation	CE The CE Marking identifies this product as complying with all relevant directives in the European Union (EU).
	External Temperature Probe
	Range -40° to 100°C (-40° to 212°F)
	Accuracy ±0.5°C from -15° to 80°C (±0.9°F from 5° to 176°F) ±1.0°C from -40° to -15°C (±1.8°F from -40° to 5°F) ±0.7°C from 80° to 100°C (±1.3°F from 176° to 212°F)
	Resolution 0.024°C at 25°C (0.04°F at 77°F)
	Drift <0.1°C (0.18°F) per year
	Response Time With 5 mL bottle: 10 minutes typical to 90% in air moving 1 m/s With 15 mL bottle: 20 minutes typical to 90% in air moving 1 m/s With 30 mL bottle: 25 minutes typical to 90% in air moving 1 m/s
	Cable Length 2 or 4 meter (6.56 or 13.12 feet) flat ribbon cable
	Ambient Temperature Sensor
	Range -30° to 70°C (-22° to 158°F)
	Accuracy ±0.5°C from -15° to 70°C (±0.9°F from 5° to 158°F) ±1.0°C from -30° to -15°C (±1.8°F from -22° to 5°F)
	Resolution 0.024°C at 25°C (0.04°F at 77°F)
	Drift <0.1°C (0.18°F) per year
	Response Time 15 minutes typical to 90% in air moving 1 m/s
Ideal For	Professional
Brand	Onset InTemp
Maximum Temperature	100°C
Tolerance	±0.5°C from -15° to 80°C
Battery type	2 x AAA (included)
Channel(s)	1
Sensor(s)	External Probe (Please select length)
Typical applications	Food Safety, Life Sciences, Pharmaceutical, Vaccine Storage
Measurements	Temperature

Additional Options

Select Version	2 Metre Cable & Sharp Tip Probe
	4 Metre Cable & Sharp Tip Probe
	2 Metre Cable & Blunt Tip Probe
	4 Metre Cable & Blunt Tip Probe
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)