



## InTemp<sup>®</sup> CX703x Data Logger

InTemp Cryogenic Multiple Use Data Logger (CX703x)



### Temperature Probe

<b>Sensor Range</b>	-200° to 50°C (-328° to 122°F); To ensure insulation integrity, avoid flexing the wire during exposure to temperatures below -100°C (-148°F)
<b>Accuracy</b>	±1.5°C from -200° to -90°C (±2.7°F from -328° to -130°F) ±1.0°C from -90° to -10°C (±1.8°F from -328° to 14°F) ±0.5°C from -10° to 50°C (±0.9°F from 14° to 122°F)
<b>Resolution</b>	0.013°C at 25°C (0.023°F at 77°F)
<b>NIST Calibration</b>	CX702 and CX703: Single-point NIST calibration, probe only CX703-UN: Calibration not included
<b>Cable Length</b>	1.5 m (4.92 ft)
<b>Probe Dimensions</b>	Food-grade stainless steel probe with blunt tip, 31.75 mm (1.25 inches) long, 4.78 mm (0.188 inches) diameter

### Logger

<b>Logger Operating Range</b>	-30° to 50°C (-22° to 122°F)
<b>Radio Power</b>	1 mW (0 dBm)
<b>Transmission Range</b>	Approximately 30.5 m (100 ft) line-of-sight
<b>Wireless Data Standard</b>	Bluetooth Low Energy (Bluetooth Smart)
<b>Type</b>	Multiple Use
<b>Duration</b>	365 days
<b>Shelf Life</b>	Up to 1 year
<b>Logging Rate</b>	1 second to 18 hours
<b>Battery</b>	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.
<b>Memory</b>	16,000 measurements
<b>Full Memory Download Time</b>	Approximately 30 seconds; may take longer the farther the device is from the logger
<b>Dimensions</b>	6.9 x 4.5 x 1.1 cm (2.71 x 1.76 x 0.42 inches)
<b>Weight</b>	25.5 g (0.90 oz)
<b>Environmental Rating</b>	IP65
<b>CE</b>	The CE Marking identifies this product as complying with all relevant directives in the European Union (EU).

Passed RTCA DO160G, part 21H

## Contact Us

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

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- ▶ Call 1-508-759-9500
- ▶ In U.S. toll free 1-800-564-4377
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Technical Support (8am to 6pm ET, Monday through Friday)

- ▶ Contact Product Support [www.onsetcomp.com/support/contact](http://www.onsetcomp.com/support/contact)
- ▶ Call 1-508-759-9500
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