

CX405

## InTemp Ultra-low Temperature Storage Monitoring with RTD Probe

### Multi-use Bluetooth digital data logger with LCD and ultra-low RTD probe



GDP/GMP compliant temperature data logger ideal for Healthcare and Life Science/Pharmaceutical storage monitoring. Ideal applications: Pharmaceutical and vaccine dry-ice storage, ultra-low chambers, cold rooms and walk-in freezers, and COVID vaccine monitoring. Meets global Cold Chain, FDA, and EU regulatory requirements.

#### 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.

### Supported Measurements

Temperature

### Features

- Two-point NIST Certificate of Calibration (probe only), good for one year
- Integrates with mobile and cloud platforms for a 21 CFR Part 11 compliant solution
- Easy logger setup and data download in seconds
- Advanced audible and visual alarm capabilities for notification of temperature excursions
- LCD display with current and daily min/max temperatures
- Protective, anti-cut cable sheath
- User-replaceable AAA batteries to guard against local power loss
- Built to FDA, USP, EU, and WHO standards
- Free InTemp mobile app to configure logger, view data, and access the free InTempConnect cloud software service
- Real-time alerts and automatic data downloads with optional InTemp CX Gateway device

Who is this for? Required to follow GDP & GMP requirements, specifically:

- Ultra-low RTD probe (no glycol bottle)
- GDP/GMP compliant
- Ultra-low dry ice to refrigerated monitoring

### What's in the box

- InTemp CX405-RTD Dry Ice Data Logger
- Two AAA 1.5 alkaline batteries
- Battery door and screw
- NIST Certificate of Calibration

### 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](mailto:InTempHelp@onsetcomp.com)
- Contact Support online [www.onsetcomp.com/intemp/contact/support](http://www.onsetcomp.com/intemp/contact/support)

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# InTemp Ultra-low Temperature Storage Monitoring with RTD Probe (CX405) Specifications

## External Temperature Probe

<b>Range</b>	-95° to 50°C (-139° to 122°F)
<b>Accuracy</b>	±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)
<b>NIST Calibration</b>	Two-point NIST calibration, probe only
<b>Cable Length</b>	1.5m (4.92 ft)

## Internal Temperature Sensor

<b>Range</b>	-30°C to 70°C (-22°F to 158°F)
<b>Resolution</b>	0.024°C at 25°C (0.04°F at 77°F)
<b>Accuracy</b>	±0.5°C from -15° to 70°C (±0.9°C from 5° to 158°F) ±1.0°C from -30° to -15°C (±1.8°F from -22° to 5°F)

## Logger

<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>Logger Operating Range</b>	-30° to 70°C, 0 to 95% RH (non-condensing) (-22° to 158°F, 0 to 95% RH (non-condensing))
<b>Logging Rate</b>	1 second to 18 hours
<b>Battery Type</b>	Two AAA batteries, user replaceable
<b>Battery Life</b>	1 year, typical with logging interval of 1 minute. Faster logging intervals, remaining connected with the app, excessive report generation, numerous audible alarms, and paging all impact battery life.