

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)

Onset Computer Corporation  
470 MacArthur Boulevard  
Bourne, MA 02532

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

External Temperature Probe

|                  |                                                                                                                                                                        |
|------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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)<br>±1.0°C from -40° to -10°C (±1.8°F from -40° to 14°F)<br>±0.5°C from -10° to 50°C (±0.9°F from -14° to 122°F) |
| NIST Calibration | Two-point NIST calibration, probe only                                                                                                                                 |
| Cable Length     | 1.5m (4.92 ft)                                                                                                                                                         |

Internal Temperature Sensor

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

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, 0 to 95% RH (non-condensing) (-22° to 158°F, 0 to 95% RH (non-condensing))                                                                                                                 |
| Logging Rate           | 1 second to 18 hours                                                                                                                                                                                     |
| Battery Type           | Two AAA batteries, user replaceable                                                                                                                                                                      |
| Battery Life           | 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. |