TracSafeMAX

Multi-Use, Bluetooth® Enabled Device with Optional Dry Ice Probe



The TracSafe MAX data logger provides peace of mind for longer duration shipments with multiple stops. This reusable, Bluetooth-enabled device connects directly to the CSafe TracSafe app on a mobile device, allowing users to verify payload temperature, humidity, shock events and more depending on the model. This level of detailed review at every checkpoint along the journey provides the reassurance pharmaceutical shippers need to ensure patients receive medicines in ideal condition.

Key Features

- Payload and ambient** temperature tracking
- Reusable device
- Upload historical data to CSafe Connect
- Fits in payload box
- Touchless data checks via TracSafe app
- Humidity percentage logging
- Light exposure tracking for parcel open events**
- Shock incident logging

TracSafeMAX

Technical Specifications

Data connection / Communication type	USB, Bluetooth
Real-time device	No
CSafe Connect data access	Yes, via upload with the CSafe TracSafe App
Mobile app data access	Yes, via CSafe TracSafe App (Apple and Android)
Reusable	Yes
Data tracked	Payload temperature Ambient temperature** Humidity Shock Light**
Measurement ranges	Payload temp: -30°C to +70°C / -200°C to +150°C (dry ice probe) Ambient temp: -30°C to +70°C Humidity: 0% RH to 100% RH Shock: 0g to 16g Light: >80Lux
Measurement accuracy	Temperature: ±0.3°C (-20°C to 40°C); ±0.5°C (50°C to 85°C); ±1°C (-100°C to 150°C); ±2°C (others) Humidity: ±3% RH (25°C, 20% RH to 80% RH); ±5% RH (others) Shock: ±0.5g Light: ±5%
Resolution	Temperature: 0.1°C Humidity: 1% RH Shock: 0.1g
Max storage capacity	32,000 data points
Data sampling interval	3 to 60 minutes (programmable)
Start options	Button for immediate start Start delay (10 seconds to 24 hours) use TracSafe APP or CSafe PC software
Stop options	Button When inserted into PC When memory is full TracSafe APP CSafe PC software
Battery life*	12-month operating life, 24-month shelf life
Battery type	Lithium replaceable battery
Dimensions	No probe: 96.3 mm x 47.5 mm x 19 mm Probe: 103.3 mm x 47.5 mm x 19 mm
Weight	68 g
Environmental protection	No probe: IP65 Probe: IP54
Calibration certificate	Calibrated for 2 years; certification available upon request
Certifications	FCC, CE, RTCA/DO-160G, EN 12830, IC, UN38.3, and WEEE

Data connection
USB, Bluetooth

Battery life
12-month operating*
24-month shelf life

Conditions measured
Payload temp, ambient temp, humidity, shock, and light

*Varies based on conditions such as operating temperature, sampling interval, storage conditions
** Dependent on pack out configuration

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