



TempTale®4 USB

Shipment information without proprietary software and hardware

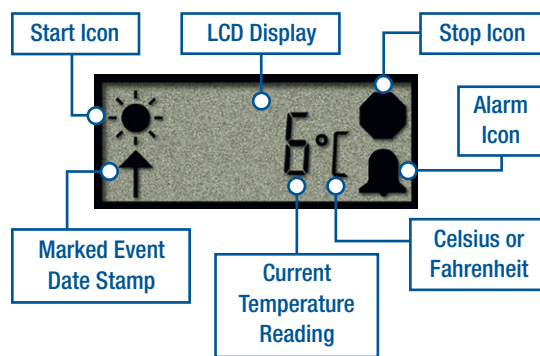
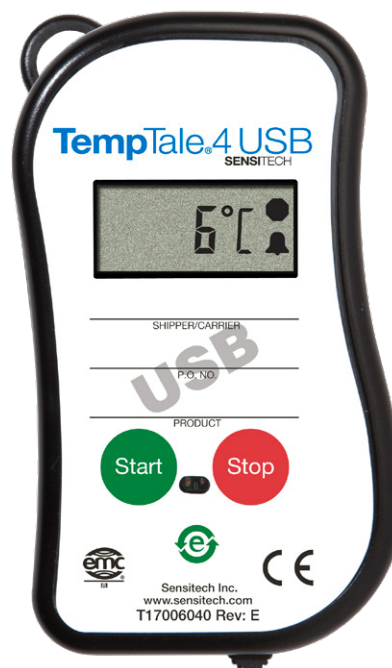
Fast, simple, efficient, and secure cold chain visibility

A large quantity of disparate receiving sites, particularly in the distribution of clinical trial materials and sales representative samples, adds complexity to the shipment disposition process. The administration, setup, and training required to retrieve cold chain data within these elaborate supply chains is often difficult to manage.

The TempTale®4 USB datalogger helps to eliminate these problems by combining Sensitech's industry-leading temperature monitoring technology with USB 2.0 PC communications and a powerful on-board microprocessor that enables access to recorded shipment information without a proprietary desktop software application or hardware reader.

Plug in the monitor to your PC's USB port, and the TempTale4 USB monitor will automatically create a cold chain shipment information report in Adobe® PDF format. Viewable using any Adobe-compatible reader program, the report provides a complete cold chain trip history, resulting in rapid on-site shipment dispositions. Via email or other file sharing capability, every interested party can instantly and effortlessly review shipment information.

In addition, the TempTale4 USB monitor creates an encrypted data file (.txx format) compatible with Sensitech's TempTale Manager® Desktop (TTMD) PC software and Internet-enabled application, ColdStream® Cold Chain Manager (CCM). The .txx format data file enables secure data transfer, aggregation, analysis, and storage in support of 21 CFR Part 11 compliance and quality assurance requirements.



TempTale[®]4 USB

TempTale4 USB Specifications	
Temperature Measurement Range	-30°C to 70°C (-22°F to 158°F)
Temperature Accuracy Range	±1.1°C from -30°C to -18°C (±2.0°F from -22°F to 0°F) ±0.55°C from -18°C to 50°C (±1.0°F from 0°F to 122°F) ±1.1°C from 50°C to 70°C (±2.0°F from 122°F to 158°F)
Temperature Resolution	0.1°C/F over full temperature measurement range
Memory Type	Non-volatile 16K EEPROM
Storage Capacity	16,000 data points
Battery Life/Type	1-year run life/3.6v lithium battery
Data Sampling Interval	Programmable from 10 seconds up to a maximum of 2 hours
Water Resistant Housing	NEMA 6 rating (electronic enclosure)
Start-Up Delay	Minimum 0 seconds, Maximum 194 days
LCD Programmable Options	Display current temperature reading, display temp values in °C or °F, Enable flashing of start, stop and alarm icons
Start Up Options	Manual push button or automatic launch
Alarm Function	Programmable high and low limits; alarm is triggered when temperature exceeds set limits
Typical Dimensions	10.0cm L x 5.5cm W x 2.1cm H (3.95" L x 2.18" W x 0.82" H)
Weight	71 grams (2.5 ounces)
Testing	Calibrated at 3 set points to NIST [®] traceable standards
Quality Assurance Certifications	CE; Validation Package; ROHS; WEEE;
Software/PC Interface	TempTale Manager [®] Desktop or ColdStream [®] Cold Chain Manager Software; Adobe Reader
PC Interface	USB 2.0, A-Type plug
Monitor Recording Options	Single Use



Features and Benefits

- Easy-to-use “plug-n-play” operation
- No proprietary software installed at shipment destination
- Integrated USB connector; no hardware or interface cable required
- Fully independent operation; no PC applications and no retained PC “footprint”
- Automatic generation of Adobe PDF cold chain data report allows prompt on-site decision making
- Automatic generation of encrypted data file enables simple retrieval and email transfer of recorded data to the shipment originator; eliminates the return of the monitor to the originator for data download
- Data file compatibility with Sensitech’s software tools permits comprehensive data analysis and record keeping
 - TempTale Manager Desktop – PC-based Windows[®] application for storing, displaying, analyzing, and printing recorded time-and-temperature data
 - ColdStream Cold Chain Manager (CCM) – Web-accessible data management service for centralized storage and retrieval of cold chain logistics information

Sensitech Inc. is focused on delivering supply chain visibility solutions that track, monitor and protect products for global leaders in the food, life sciences, consumer goods, and industrial markets. Our solutions are focused in three key areas: quality and compliance, supply chain security, and logistics performance management. Quality and compliance solutions address temperature-sensitive, complex supply chains focused on delivering the highest quality possible, while our supply chain security solutions help to mitigate risks associated with theft, diversion and chain of custody. Sensitech’s logistics performance solutions deliver origin-to-destination, real-time transparency to any in-transit journey. Sensitech Inc. is an ISO 9001:2008 company, headquartered in Beverly, Mass., with more than 35 sales, service and distribution locations around the world. Sensitech is a part of UTC Climate, Controls & Security, a unit of United Technologies Corp., a leading provider to the aerospace and building systems industries worldwide. Visit www.sensitech.com for additional information. © 2018 Sensitech Inc. All Rights Reserved. Unless otherwise indicated, all trademarks and service marks are the property of Sensitech Inc. Adobe is a registered trademark of Adobe Systems Incorporated in the United States and/or other countries. NIST is a registered trademark of The National Institute of Standards and Technology Agency of the United States Government. Microsoft, Windows, Windows XP, Windows Vista, and Internet Explorer are registered trademarks of Microsoft Corporation in the United States and other countries.