



VaxAlert™

Temperature monitoring for vaccine shipments

World Health Organization (WHO) pre-qualified temperature indicator

Full-featured temperature indicator enables immediate accept/reject decisions with detailed temperature excursion history

Sensitech Inc.'s most advanced electronic temperature indicator integrates multi-alarm, last-mile cold chain monitoring with detailed time-temperature alarm excursion history information. This advanced indicator enables logistics staff, receivers and quality assurance personnel to determine if and when cold chain breaks occur in the supply chain. The user-friendly liquid crystal display (LCD) combines complete alarm status information with an alarm time-stamp record and the maximum or minimum temperature.

The VaxAlert™ is designed to meet the stringent World Health Organization (WHO) Performance Quality and Safety (PQS) requirements for international vaccine shipment monitoring and is WHO pre-qualified per performance specification WHO/PQS/E06/TR07.1 (Electronic Shipping Indicator). The indicators are factory configured with WHO established alarm profiles in support of UNICEF vaccine procurement and transport requirements.

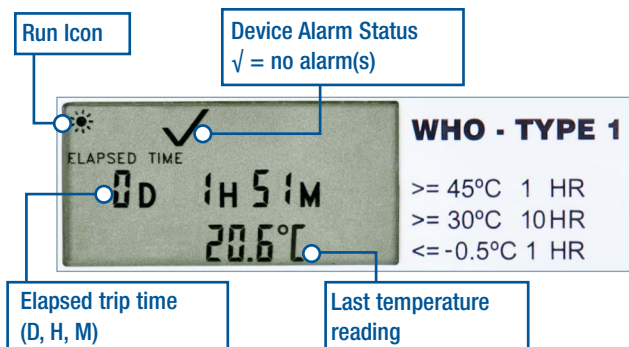
These cost-effective, single-use indicators monitor up to three time-temperature alarms, which can be tailored to specific cold chain transport monitoring requirements beyond WHO/ UNICEF vaccine shipments.



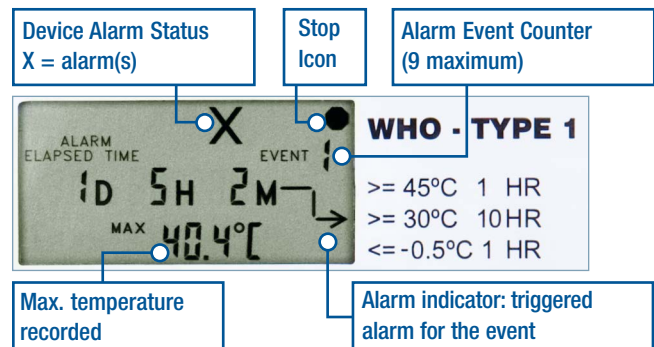
Specifications	
Operating Range	-30°C to +55°C (-22°F to +131°F)
Operating Life	6 months
Shelf Life	18 months prior to activation
Accuracy	±1.0°C from -30°C to -5°C (±2.0°F from -22°F to +23°F) ±0.5°C from -5°C to +25°C (±1.0°F from 23°F to +77°F) ±1.0°C from +25°C to +55°C (±2.0°F from +77°F to +131°F)
Alarms	Maximum three alarms, Hi or Low, -30°C to +55°C; single-event or cumulative, 1 minute to 480 hours
Weight (Typical)	64.4 grams (2.3 ounces)
Dimensions (Typical)	98.9 x 58 x 17.7 mm (3.0 x 2.3 x .7 in)
Startup Delay	Up to 24 hours
Measurement Interval	1 minute
LCD	Displays: operation status (start/stop/delay/heartbeat), overall alarm status, total elapsed time, last temperature reading, alarm excursion histories (time of alarm, event #, alarm tripped, and max/min temp during excursion), low battery

Features and Benefits

- Cost-effective electronic temperature monitoring for last-mile applications
- Shipment accept/reject decisions combined with alarm excursion time stamping
- WHO pre-qualified per WHO/PQS/TR07.1, Electronic Shipping Indicator
- Reliable electronic design precisely measures your product's shipping environments
- Three factory configurable time-temperature alarms and start delay
- Two types of alarms:
 - Single event alarms are triggered if temperature exceeds threshold for a contiguous time period
 - Cumulative time event alarms are triggered if temperature exceeds threshold for a total sum of time
- User-friendly three button interface and intuitive display enables immediate accept/reject decision making and detailed excursion history information
- Measurement accuracy traceable to NIST® standards for quality assurance
- Alarm “time stamp” records elapsed time at point of alarm events, allowing supply chain partners to analyze variability and institute corrective actions



VaxAlert in measurement mode without alarms



VaxAlert in history mode, high alarm event

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 9001:2015 company, headquartered in Beverly, Mass., with over 35 sales, service and distribution locations around the world. Sensitech is a Carrier company, a leading provider of heating, air conditioning and refrigeration systems, building controls and automation, and fire and security systems leading to safer, smarter, sustainable and high-performance buildings. NIST is a registered trademark of The National Institute of Standards and Technology Agency of the United States Government. Unless otherwise indicated, all trademarks and service marks are the property of Sensitech Inc. Visit www.sensitech.com for additional information. ©2020 Carrier. All Rights Reserved.

Sensitech Inc. • Global Headquarters • 800 Cummings Center • Suite 258X • Beverly, MA 01915-6197
 1-800-843-8367 • +1-978-927-7033 • Fax: +1-978-921-2112 • sensitech.clientservices@carrier.com