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.

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A Carrier Company

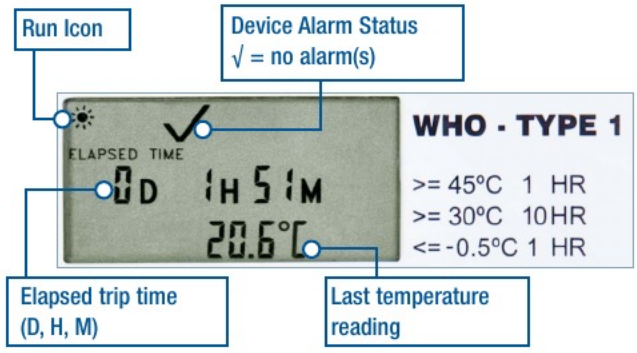
SENSITECH

VaxAlert™

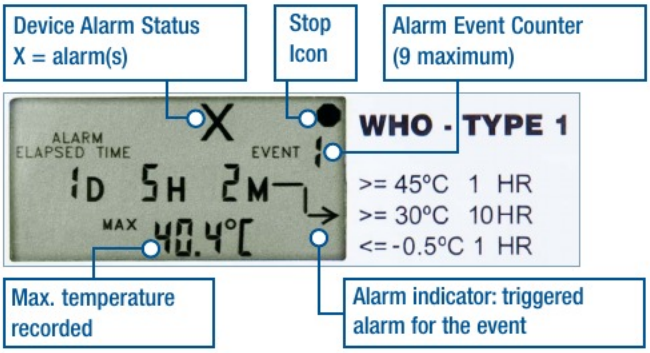
Specifications	
Operating Range	-30ºC to +55ºC (-22ºF to +131ºF)
Operating Life	6 months
Shelf Life	36 months prior to activation
Accuracy	±1.0ºC from -30ºC to -5ºC (±2.0ºF from -22ºF to +23ºF) ±0.5ºC from -5ºC to +25ºC (±1.0ºF from 23ºF to +77ºF) ±1.0ºC from +25ºC to +55ºC (±2.0ºF from +77ºF to +131ºF)
Alarms	Maximum three alarms, Hi or Low, -30ºC to +55ºC; 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
Maximum Recording Period	40 days
Battery Type	3.6V lithium battery
Activation and Stopping	Start/Stop button
Testing	Tested to 3-point NIST® standards
Quality Assurance Certifications	CE; RoHS; WEEE; Validation Manual

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 a global leader in delivering supply chain visibility solutions. Our innovative monitoring products and services help to maintain the quality and integrity of our customers' valuable products at every step in their journey, all around the world. For 30 years, leading companies in the food, pharmaceutical, industrial, consumer goods and other industries have relied on Sensitech to help protect their products—and

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