DATASHEET

VAXTAG

LogTag

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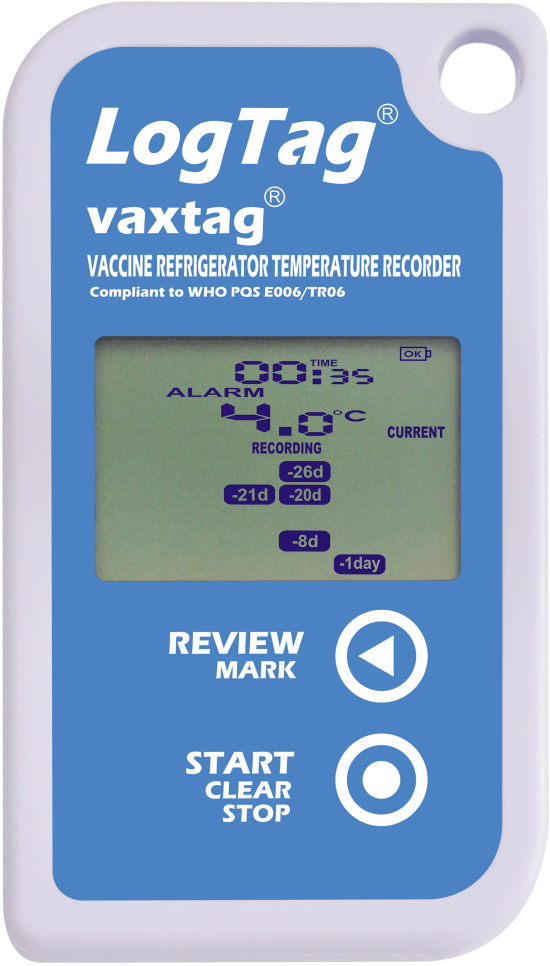


WHO COMPLIANT VACCINE MONITORING

LogTag®

Vaxtag

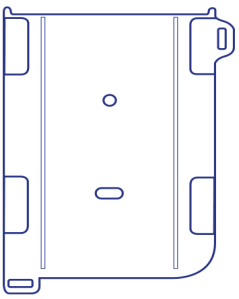
30 Day Display Refrigerator Temperature Recorder

AKRIBIS · www.akribis.info · contacto@akribis.info

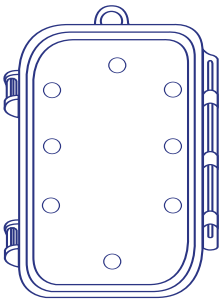
The LogTag® vaxtag features a data logging memory storing up to 7770 temperature readings and a separate rolling 30 day statistical max/min reading and duration memory.

The LogTag® vaxtag is intended for use as the principle means for monitoring storage conditions in vaccine refrigerators in intermediate stores and health facilities and is specifically configured and packaged to be compliant to the World Health Organisation (WHO) PQS specification E006/TR06.3.

Accessories



Wall Mount
Not Included



Protective Enclosure
Not Included

LTI-HID
Not Included

Features

Certified compliant to WHO PQS specification E006/TR06.3.

Real time clock records time & temperature simultaneously.

Stores up to the last 7770 time stamped temperature data for later download.

Allows review of current day and up to 29 previous days of statistical data.

Records temperature from -30°C to +60°C

The Vaxtag is preconfigured with high and low alarm settings (Please refer to specifications table).

Displays alarm triggers in calendar-like format for up to the last 30 days.

Fixed battery of 1 year storage, followed by 2 year of operation with normal use

Applications

Transportation

Vaccine Storage & Transportation

Laboratories

Pharmaceuticals

Medical Centre

Specifications

Product Model	TRID30-7FW (Vaxtag).
Sensor Measurement Range	-30°C to +60°C (-22°F to +140°F).
Operating Temperature Range	-30°C to +60°C (-22°F to +140°F).
Storage Temperature Range	-10°C to +40°C (-14°F to +104°F).
Rated Temperature Reading Accuracy	Better than ±0.5°C (±0.9°F) for measurements from -20°C to +40°C (-4°F to +104°F), typically ±0.3°C (0.6°F). Better than ±0.8°C (±1.5°F) for other measurements - typically ±0.5°C (0.9°F). *Actual performance is typically much better than the rated values. Accuracy figures can be improved by recalibration.*
Rated Temperature Reading Resolution	0.1°C(0.2°F) for measurements -30°C to +40°C (-22°F to +104°F). 0.2°C(0.4°F) for measurements above +40°C (+104°F). *LogTag Analyzer® currently displays to one decimal place of °C or °F. The native resolution is what is stored in the LogTag®.*
Sensor Reaction Time	Typically less than 5 minutes (T90) in moving air (1m/s).
Recording Capacity	7770 temperature readings. 32 days @ 6min logging Day summary statistics memory (for display on LCD): up for 30 days of Max/Min and duration values.
Sampling Interval	Factory set to 6 minute interval.
Logging Start Options	Factory set to Push button start.
Recording Indication	State indicator “RECORDING”
Download Time	Typically less than 5 seconds for full memory (7770 readings), depending on computer or readout device used.
Environmental	IP65 (roughly equivalent to NEMA 4) when vertically mounted or hung.
Power Source	CR2450 3V $LiMnO_2$ (Fixed Battery).
Alarm Triggering	Low alarm : Exposure to a single temperature event of -0.5°C or below for 60 minutes High alarm: Exposure to a single temperature event of +8°C or above for 10 hours
Battery Life	1 year storage, followed by 2 year of operation with normal use (6 minute logging, statistics reviewed on the display no more than once daily for no longer than 30 seconds each time, download data monthly).
Real Time Clock	Built-in real time clock. Rated accuracy ±25ppm @ 25°C (equivalent to 2.5 seconds/day). Rated temperature coefficient is -0.034 ±0.006ppm/°C (I.e typically +/- 0.00294 seconds/day/°C).
Size	93mm(H) x 54.5mm(W) x 8.6mm(T).
Weight	43g.
Case Material	Polycarbonate.

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