

Vaxtag Refrigerator Temperature Recorder

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

The device may also be used as a secondary back-up device in cold rooms. The product features a display together with a data logging function storing up to 7770 temperature readings. Statistical temperature and duration readings for up to 30 days can be reviewed on the display.

The device is preconfigured with the following alarm settings:

- **Low alarm:** Exposure to 0.5°C or below for 60 minutes.
- **High alarm:** Exposure to +8°C or above for 10 hours.

A visual alarm trigger is displayed if one or more of the configured alarm trigger conditions have been met.

Details of any violations can be checked directly by inspecting the statistics history on the recorder's display or in more detail by downloading the logged data.

Logged data can be downloaded via a standard LogTag® Interface to the free companion software LogTag Analyzer which provides facilities for displaying data in chart, table or statistical formats and allows electronic archiving, export or transmission of the data in support of sophisticated data management systems.

Product Highlights

- Certified compliant to WHO PQS specification E006/TR06.3.
- Real time clock records time & temperature simultaneously.
- Display shows current state (READY, STARTING, RECORDING or PAUSED).
- Battery state shown on display.
- ALARM indicator appears on the display to show an alarm trigger has occurred.
- Displays alarm triggers in calendar-like format for up to the last 30 days.
- Shows the current time and temperature when not in review mode.
- Allows review of current day and up to 29 previous days of statistical data and also adds an 'inspection mark' into the recordings log during recording.
- Stores up to the last 7770 time stamped temperature data for later download.

Recommended Applications

Cold Chain 

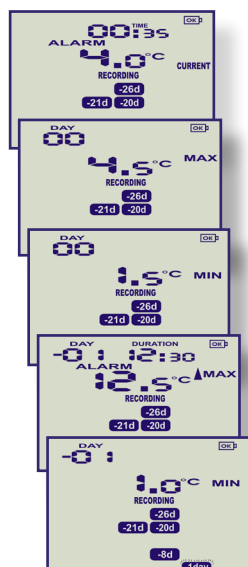
Pharmaceuticals 

Laboratories 

Clinical Trials 

Animals 

Vaxtag Display



The normal recording display shows the current temperature reading*, the time and the alarm trigger day summary.

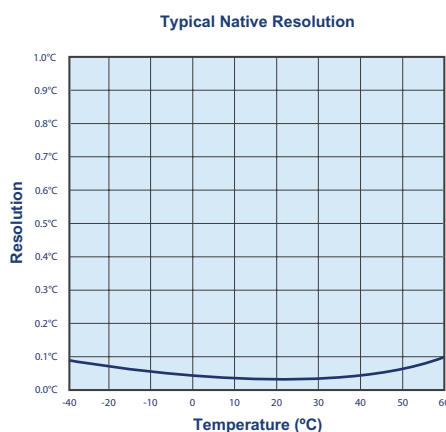
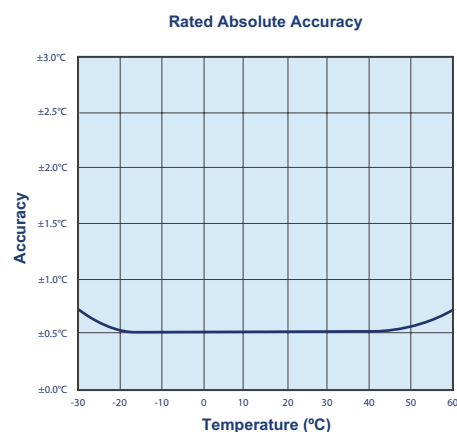
A visual alarm trigger is displayed if one or more of the configured alarm trigger conditions have been met. An alarm trigger condition can be a single reading above the upper or below the lower threshold values, a set of consecutive violating readings or an accumulation of violation readings encountered.

These display examples show alarm triggers recorded 1, 8, 20, 21 and 26 days ago. Review each day's statistic by pressing the REVIEW button. Statistics include the maximum and minimum reading for each day, durations above or below preset thresholds and alarm status.

The recorder can be configured to suspend processing of readings for alarms and max/min statistics for a period of time after button press activity.

This allows the user to review the current statistics or clear an alarm without causing a false alarm or statistic while handling the recorder.

Accuracy/Resolution Charts



Specifications

Product Model	TRID30-7FW
Measurement Range	-30°C ~ +60°C (-22°F ~ +140°F)
Rated Absolute Accuracy	Better than ±0.5°C (±0.9°F) from -20°C~+40°C (-4°F ~ +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).
Capacity	Data logging memory : 7770 logs (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
Environmental	IP65 (when vertically mounted or hung)
Power Source	3V Lithium-Manganese Dioxide extended temperature chemistry
Battery Life	Typically 2 years of operation. This assumes day statistics are reviewed on display no more that once daily for no longer than 30 seconds each time.
Size	93mm(H) x 54.5mm(W) x 8.6mm(T)
Weight	43g
Case Material	Polycarbonate

Accessories



Protective Enclosure



Wall Mount Bracket

Our FREE LogTag Analyzer software provides an easy to use, powerful platform for configuring any LogTag recorder product before deployment and for data download & analysis when the recorder is retrieved.



LogTag's unique interface cradle design provides rapid & reliable LogTag data transfer.

Note: Users do not need to purchase more than one Interface Cradle per LogTag product.



LogTag Recorders