LogTag Recorders

TRID30-7 Multi-Use Temperature Recorder

The LogTag® TRID30-7 temperature recorder 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 visual display of current temperature and previous alarms is an important feature in “static” applications such as cool rooms and refrigerators.

The TRID30-7 can also be used in transit applications where a direct readout of the statistical data is required without use of a computer or readout device.

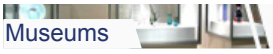
Details of any excursions can be checked directly by inspecting the statistics history on the recorder’s display or in more detail by downloading the logged data via a standard LogTag® Interface cradle to LogTag® Analyzer.

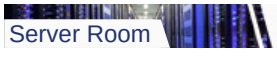
If a reading outside the pre-set “Alarm” limits is recorded at any time, a “day alarm indicator” appears on the display.

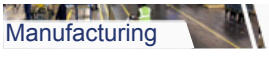
Product Highlights

- A real time clock provides date/time stamps for each temperature reading.
- 30 day On-screen summary in calendar-like summary.
- Push-to-start button with optional delay or a specific time & date.
- Comprehensive customisation options including alert settings, sample interval and trip duration.
- Robust and durable polycarbonate case with lug for secure mounting.
- Up to 7,770 recordings - Enough memory for 53 days at 10min logging or 80 days at 15min logging.
- Inspections can be recorded at the push of a button.
- Industry best download time - less than 5 seconds for fully memory.

Recommended Applications







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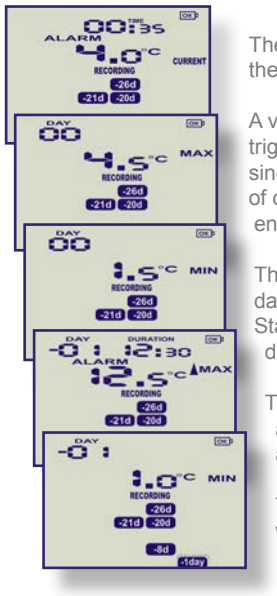
TRID30-7 Display



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.

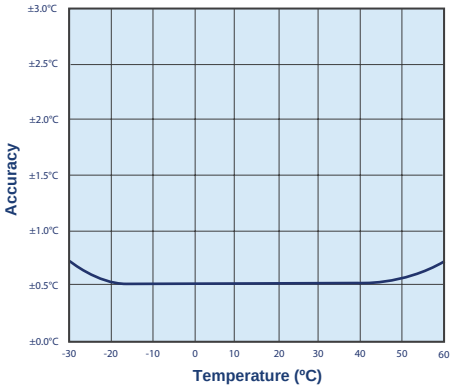
These display examples show alarm triggers recorded 1,8, 20, 21 and 26 days ago. Review each day's statistic by pressing the REVIEW button. Statistics include the maximum and minimum reading for each day, durations above or below preset thresholds and alarm status.

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.

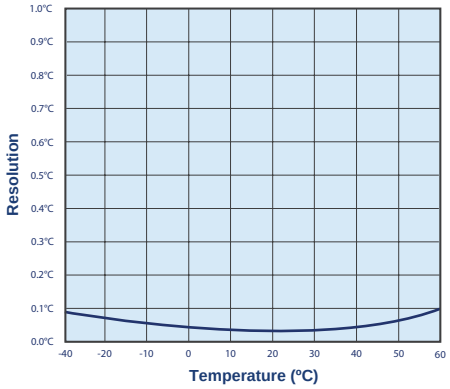
This allows the user to review the current statistics or clear an alarm without causing a false alarm or statistic while handling the recorder.

Accuracy/Resolution Charts

Rated Absolute Accuracy



Typical Native Resolution



Specifications

Product Model	TRID30-7R (Replaceable Battery) | TRID30-7F (Fixed Battery)
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 (53 days @ 10min logging, 80 days @ 15min logging). Day summary statistics memory (for display on LCD): up for 30 days of Max/Min and duration values
Sampling Interval	Configurable from 30 seconds to 18 hours
Environmental	IP65 (when vertically mounted or hung)
Power Source	3V Lithium-Manganese Dioxide extended temperature chemistry
Battery Life	TRID30-7R: Typically 1 year of operation TRID30-7F: Typically 2+ years of operation
Size	93mm(H) x 54.5mm(W) x 8.6mm(T)
Weight	TRID30-7R: 39g | TRID30-7F: 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.