

GLOBAL SENSORS NEW ITEM

Powerful TRED Logger Tracks the Cold

TRED represents the state of the art in self-contained refrigeration monitoring systems. TRED is a display logger that provides detailed information of the recent thermal history of its monitoring results with simple button presses. That is good, but TRED also preserves all of this information for archival and proof purposes using download to a PC.

The visual display of current temperature and previous alarms is an important feature in "static" applications such as cool rooms and refrigerators.

The display arrangement is designed to show 'at a glance' if temperature excursions have occurred during the current day and up to the previous 29 days. The display also shows the current temperature reading, the current time, recording status and battery status.

Two models are available:
(7F) permanent battery installed with 3 years of battery life or
(7R) user replaceable with 1 year per installation battery life

Global Sensors TRID Refrigeration Display
Logger

Call for best pricing.

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TRED Display Refrigeration Monitor System

Make sure that you make the best choice of battery options. Many of our users find that the pre-installed battery works best for their applications. User replaceable, however, is available.



The REVIEW / MARK control allows user input, and permits on site review of recent recordings.

TRED differs from standard LogTag with this second feature button. One can start a recording session, stop it, or clear recent data after review and continue logging and monitoring.

TRED form factor means that it can occupy minimal space in a refrigerated space.

External probe sensor available in 3 models:



- Short Tip Probe
- Penetration Probe
- Handled Probe

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



PRODUCT SPECIFICATIONS

PS#79

Temperature Range	-40°C to +99°C (-40°F to +210°F)
Temperature Resolution	< 0.1°C for -40°C to +40°C, < 0.2°C for +40°C to +99°C
Temperature Accuracy	better than ±0.5°C for -20°C to +40°C. better than ±0.7°C for -20°C to -30°C & +40°C to +60°C better than ±0.8°C for -30°C to -40°C & +60°C to +99°C
Sensor Response	TimeT90 of less than 5 minutes in moving air
Stored Time-Temperature Readings	7770 readings (16K bytes memory)
Time Accuracy	Average 20 Seconds per Month
Logging Interval	Adjustable, 30 sec to several hours
Battery Type and Life	3V Lithium battery - three years of use (TRED30-7F) or one year (TRED30-7R)
Size and Weight	Dimensions 9.3cm x 5.5cm x 0.86cm (L x W x H) 3 " x 2¼" x ⅛" Unit Weight 35 g (0.08 lb. or 1.23 oz.)
LCD	LCD indicates "RECORDING" when started - 30 day icons indicate days with alarm conditions
Case	Polycarbonate (Case and face label are G.R.A.S. materials per USDA
Basic Features	Logging start by push button or specific date/time start Optional clearing of alert indication by push button (places inspection make at same time).
Mark	Download inspection mark recorded in LogTag memory every time LogTag is downloaded.
Failsafe feature	'Prestart' fail-safe logging (records temperature data even if not started)
Compliance	EMC Compliance Tested and complies with EC EMC directives (EN 50081-1:1992 & EN 61000-6-1:2001) EN12830 Compliance Tested and complies to EN12830:1999 for transport, storage and distribution of chilled, frozen, deep frozen, quick-frozen food and others. WHO Compliance Approved by the World Health Organization authorities.
Display Features	Day alarm summary - Displays in calendar-like format alarm events for up to the last 30 days Current time & temperature - Shows the current time and temperature when not in review Review mode allows scrolling for full data summary by repeated button pressing

