

GLOBAL SENSORS NEW ITEM

Powerful TRID Logger Tracks the Cold

TRID represents the state of the art in self-contained refrigeration monitoring systems. TRID 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 TRID 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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TRID 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 recorded results.

TRID 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.

TRID shares the LogTag external sensor with the LogTag family of products.



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

Best installation is to suspend from shelf using the "hole" so that interior air is best monitored.



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

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|----------------------------------|---|
| Temperature Range | -40°C to +60°C (-40°F to +140°F) |
| Temperature Resolution | < 0.1°C for -40°C to +40°C, < 0.2°C for +40°C to +60°C |
| Temperature Accuracy | better than $\pm 0.5^{\circ}\text{C}$ for -20°C to +40°C. better than $\pm 0.8^{\circ}\text{C}$ for other measurements |
| 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 (TRID30-7F) or one year (TRID30-7R) |
| 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 |

