EDL-RTD2

MARATHON PRODUCTS, INC.

DIGITAL "2" CHANNEL TEMPERATURE RECORDER FOR HIGH TEMPERATURE INDUSTRIAL AND REMOTE MONITORING APPLICATIONS.

MARATHON PRODUCTS

77.6°F 716.0°F

DURATION 365   DAYS 009   HR:MIN 027

START   on   alarm

EDL-RTD2

Join the Marathon Revolution by adding Digital Display Sensors for all to See. One quick look for instant product acceptance or "quarantine" decisions.

Don't Ship Without Us!®

The EDL-RTD2 is a reliable and cost-effective digital temperature recorder for all industrial and commercial applications requiring high temperature monitoring. This precision logger uses high accuracy sensors and provides real time viewing of ambient and remote temperature while using the RTD stainless steel probe. The display also shows the programming Duration and Run Time in days, hours and minutes. Now document all your high temperature applications.

The internal thermistor accurately records time and temperatures for user-selectable readings in Celsius and Fahrenheit.

The internal software is user programmable and provides the following features: start time delay, sampling intervals, high and low alarm window values, recording status, and measurement data.

All our data loggers have the ability to program alarm limits. Should the temperature reach levels outside these limits, the onboard red LED will light until reset by the user. Operation is as easy as pressing the Start button on the recorder.

To download recorded information, simply plug the unit into a PC using a standard USB connector. The USB cable and PC software are available as an accessory item.

Internal Sensor
Temperature Range
-20°F to 161°F
(-29°C to 72°C)

Accuracy
(NIST traceable)
±0.2°C from 2°C to 10°C
±0.5°C throughout range

External Probe
Temperature Range
-20°F to 716°F
(-29°C to 380°C)

Accuracy
(NIST traceable)
±0.2°C from 0°C to 30°C
±1.0°C throughout range

Measurement intervals

4-Day ...... 0 min	: 06 sec
7-Day ...... 0 min	: 10 sec
16-Day ...... 0 min	: 22 sec
30-Day ...... 0 min	: 40 sec
60-Day ...... 1 min	: 20 sec
90-Day ...... 1 min	: 59 sec
365-Day ...... 8 min	: 02 sec

Number of Measurements
64,000

EDL-RTD2

M A R A T H O N   P R O D U C T S, I N C.

Serialization:
The recorder is programmed at the factory with a unique serial number for postive tracking.

Waterproof Enclosure:
The product package is hermetically sealed to an IP66 rating.
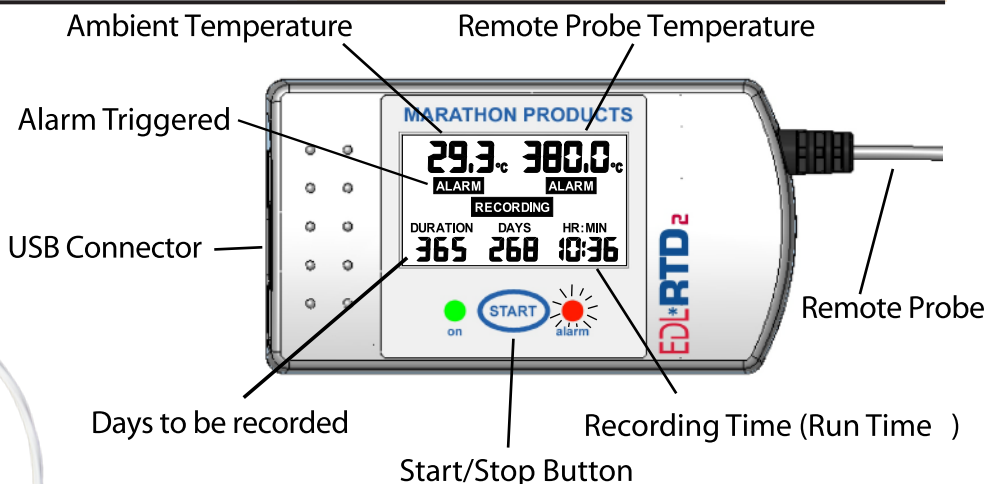
Calibration:
EDL-RTD2 is a laboratory grade multi-use logger with internal NTC and external RTD probe for precision temperature capture. Multi point Calibration certificates can be provided for additional costs.

Computer Download Capability:
Recorded data can be easily downloaded via USB cable and Marathon's software.

EDL-RTD2 Specifications	
Recording Times	4, 7, 16, 30, 60, 90 and 365 days, or user selectable from 1 to 365 days
Internal Sensor	Wired Chip in Glass Thermistor
Operating Range	-20°F to +161°F (-29°C to +72°C)
Accuracy	±0.2°C from 2°C to 10°C ±0.5°C throughout range
External Probe	RTD
Operating Range	-20°F to +716°F (-29°C to +380°C)
Accuracy	±0.2°C from 0°C to 30°C ±1.0°C throughout range
Probe	4.72" (120mm) Stainless Steel
Cable	20" (510mm) braided wire/Teflon cover
Shelf life	5 years
Operating life	3 year
Size	3.5 in (L) x 2.00 in (W) x .1.1 in (H) 9.0 cm (L) x 5.0 cm (W) x 2.8 cm (H)
Weight	3.3 oz (95 g)
Operation	1. Press start button 2. Auto stop or manual stop by pressing start button for 5 sec.
Power suppy	1 x CR2477 Lithium coin cell (1000mAh)
Data Download	Via USB cable
CE Certified	Yes

Ambient Temperature — Remote Probe Temperature
Alarm Triggered
USB Connector
Days to be recorded
Start/Stop Button
Recording Time (Run Time)
Remote Probe

Please call 1-510-562-6450
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