MARATHON PRODUCTS

edl™ Data Logger

Get the facts!

These multi-use data loggers are perfect for monitoring temperatures down to -40C (-40F) without a probe. Both units use thermistor technology and share the same basic palm-sized design so it's perfect where space limitations exist.

The edl is our top of the line data logger with 32k memory, 0.1C accuracy and resolution. This is a must have device if you work in a laboratory or metrology department.

The edl-jr is the work horse of our product line with a full 8k memory and the ability to measure down to -40C. A favorite in the pharmaceutical and transportation industries.

Functions include: start, stop, elapsed time as well as customizable time intervals. Also available: user descriptions for initialization and for downloading the data; high and low alarm values, recording status, real time measurement display and more. View up to sixteen temperature profiles at a time; download data without stopping the original program; attach probes or an audio alarm; all with precision accuracy of +/- 0.1 degree C at center of range and traceable to NIST standards.

Visual Alarms: 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.

Computer Ready: Marathon's easy-to-use MDAS-Pro software is available for Microsoft Windows 2000, XP, Vista & 7. Our proprietary IC-9P serial cable is needed to download temperature information to a computer.

Temperature Range
-40°C to +72°C
-40°F to +160°F

Temperature Accuracy
(NIST traceable)
±0.1°C at center of range
±0.3°C at extremes

Measurement intervals
2 seconds to months

Number of measurements
31,600 samples

MARATHON
PRODUCTS, INC.

Don't ship without us!®

To Order

edl-32k	Temp. data logger, 32k memory
edl-jr	Temp. data logger, 8k memory
MSHP-101	Marathon software history analysis program
IC-9P	Serial cable-9 pin serial connection cable with 25 pin/9 pin adaptor

Accessories/Options

Model #	Description
SP16	External Probe: 16cm in length; 3.0mm in diameter; 1.8m cable
SP28	External Probe: 28cm in length; 3.0mm in diameter; 1.8m cable
MP8	External Probe: 8cm in length; 1.83mm in diameter; 1.8m cable
MP20	External Probe: 20cm in length; 1.83mm in diameter; 1.8m cable
MP Alarm	External Audio Alarm, powered by 4 AA Batteries

edl Specifications

Memory EEPROM, Storage:	32k

Temperature Range:
High	+72C°C / +162°F / 345.2°K
Low	-40°C / -40°C / 233.2°K

Temperature Accuracy:
At zero	± 0.1C at center of range,
At Extremes	± 0.3C at extremes

Measurement Interval:	Programmable from 2 seconds to months
Temperature Sensor:	NIST traceable Precision Thermistor
High and Low Alarm Limits:	LED indicator set by temperature and time
Internal Clock Accuracy:	Better than 2 minutes per month
Indicators:	Power and Alarm
Computer Interface:	Serial Port RS232 Cable, USB Converter
Internal Software Provides:	Start and End time, Interval, User description, Alarm values, Recording status, Measurement data, Language selection, Temperature scale, Start delay.
Power Source:	One 3.6 Volt Lithium Battery 2 Year Shelf Life

Size:
Inches	3.54(L) x 1.97(W) x .63(H)
Centimeters	9(L) x 5 (W) x 1.6(H)
Weight	1.85 oz./52.5 g.

For information on the edl and MDAS-Pro software please contact Marathon Products.

Please call 1-510-562-6450 x607
for more information or to place an order.