



# Get the edl Facts!

Edl™ is the extraordinary electronic data logger developed by Marathon for measuring temperature for stationary applications. It's so small it can fit in your pocket and it's perfect where space limitations exist. Designed to compete against more costly instruments, there has been no skimping on features: you can 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  $\pm 0.1$  degree C at center of range and traceable to NIST standards. Get your data now!

## Temperature Range

-40 C to +72 C (-40 F to +160 F)  
operation and measurement

## Temperature Accuracy

$\pm .1$ C at center of range,  $.3$ C at extremes  
 $\pm .2$ F at center of range,  $.6$ F at extremes

## Measurement Intervals

2 second increments to 2 hours

## Number of Measurements

31600



# Specifications

Easy to use software provides clear graphs. Data can be exported to other Windows programs such as spreadsheet, word-processing or database. Available for Windows 98, NT, 2000, ME and XP. Language support for Chinese, English, French, German, Japanese, and Portuguese. Summer 2003 release: Code of Federal Regulations, 21 CFR Part 11 compliant version.

## Marathon Electronic Data Logger/Temperature



### To Order

- edl-32k Temp. data logger, 32k 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                |

### Temperature Range:

-40C to +72C (-40F to +160F)

### Temperature Accuracy:

± 0.1C at center of range, ± 0.3C at extremes  
± 0.2F at center of range, ± 0.6F at extremes

### Temperature Sensor:

Precision Thermistor NIST traceable

### Memory EEPROM, Storage:

32k

### Measurement Interval:

Programmable from 2 sec. per reading to greater than 2 hours intervals.

### High and Low Alarm Limits:

LED indicator set by temperature and time

### Internal Clock Accuracy:

Better than 2 minutes per month

### Indicators:

Two, Power and Alarm

### Computer Interface:

Serial Port RS232 Cable

### 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:

3.54"(L) x 1.97"(W) x .63"(H) Inches  
9(L) x 5(W) x 1.6(H) Centimeters

### Weight:

1.85 Ounces, 52.5 Grams