



# EL-50

The LCD Screen shows Real-Time readings. The data is logged and stored in a Non-Volatile memory format.



The RxMS EL50 is an environmental logging tool that is utilized to monitor the operating environment of your equipment. The RxMS EL50 is equipped to simultaneously monitor the four most essential elements of an operating environment, including room temperature, relative humidity, dust particle count and air line pressure.

### Temperature Probe Specifications

Range: 0° - 110° Fahrenheit  
 Resolution: 0.1° Fahrenheit  
 Accuracy:  $\pm 1^\circ$  Fahrenheit

### Humidity Probe Specifications

Range: 5% - 95% Relative Humidity Non-Condensing  
 Resolution: 0.125% Relative Humidity  
 Accuracy (% RH):  $\pm 5$

### Air Pressure Probe Specifications

Range: 0 - 300 PSI  
 Resolution: 0.5 PSI  
 Accuracy:  $\pm 1$  PSI

### Dust Probe Specifications

Range: 0 - 60,000 Particles/Cubic Ft.  
 Particle Size: > 1 Micron  
 Flow Rate: 0.1 Cubic Ft./Minute  
 Accuracy:  $\pm 3\%$

### Logging Specifications

Programmable Logging Rate  
 Time/Date Stamp For Each Log Entry  
 18,725 Log Entry Capability\*

\*130 days logging at 10 minute log intervals

### Additional Product Information

Powered by an external power supply  
 Download data via USB cable at a speed of 8 Mbit/Sec  
 External probes feature 12 foot cables  
 Features a shock resistant protective rubber boot  
 Can lay down, stand-up or hang from wall  
 Dimensions: L/W/H - 7.75" x 4.25" x 2"  
 Weight: 1.25 lbs.

