

## **Digital Data logger, Chart Recorder, ThermaViewer**

Many industries and business monitor and document temperature. Using a digital data logger eliminates the inherent draw backs of the older chart recorder. The digital data logger doesn't require paper, pens or maintenance. It is all-electronic without the moving parts of a chart recorder.

Industries that have traditionally used a digital data logger or a chart recorder can benefit from the **Master Thermometer**. The **Master Thermometer** does exactly the same thing as the digital data logger and the chart recorder without the downside of having to use a computer to view the results.

The **Master Thermometer**, in addition to collecting temperature or humidity measurements over a period of time immediately displays the results as a time-temperature chart on its large LCD screen. It is sort of like a combination of a digital data logger and a chart recorder.

### **The Master Thermometer is a digital data logger:**

The **Master Thermometer** samples and stores temperature in non-volatile memory. It can store over 80,000 measurements for each of its sensors. This means that it can store over 1.5 years of data if a measurement is taken every ten minutes.

### **The Master Thermometer is a chart recorder:**

The **Master Thermometer** draws a chart of the sampled data on its large LCD display. The big difference between the **Master Thermometer** and the mechanical chart recorder is that the **Master Thermometer** draws its chart electronically, whereas a mechanical chart recorder draws its chart with a pen on a paper chart. This means that you never have to replace a pen that has run out of ink or change the chart at the end of the day, week or month.

### **The Master Thermometer is easier to read:**

The chart created on the **Master Thermometer** is a line graph and not a circular line drawn on a piece of paper like the chart recorder creates. This means that any employee who has gone through middle school will be able to tell what the chart is showing.