

Digital Data logger, Chart Recorder, ThermaViewer

Many industries and business must monitor and document temperature. Using a digital data logger eliminates the inherent drawbacks 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 ThermaViewer. The ThermaViewer does exactly the same thing as the digital data logger and the chart recorder without the downside of having to have a computer to view the results.

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

The ThermaViewer is a digital data logger:

The ThermaViewer samples and stores in RAM memory temperature of temperature/RH measurements. It can store over 44,000 measurements for each of its two probes. This means that it can store over 10 months of data if a measurement is taken every ten minutes.

The ThermaViewer is a chart recorder:

The ThermaViewer draws a chart of the sampled data on its large LCD display. The big difference between the ThermaViewer and the mechanical chart recorder is that the ThermaViewer 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 ThermaViewer is easier to read:

The chart created on the ThermaViewer is a line graph and not a circular line drawn on a circular 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 telling them.