TEMPERATURE DATALOGGING MADE EASY

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Temperature data loggers have been in use in the food industry for almost as long as data loggers have been around. This use, though, has been limited mostly for periodic studies and shipping. Even the use in shipping has been limited mostly to shipments from suppliers to D.C.s (distribution centers).

Two major factors have limited their use:

Price- Although prices have decreased over time, it is generally considered that the cost of single use data loggers for retail shipments to the store level is an added cost. The use of reusable data loggers, on the other hand, could cut costs but the time spent managing the data and reprogramming then becomes a major factor.

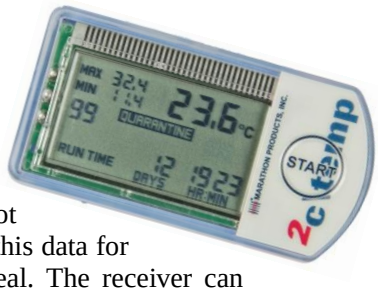
Ease of use- While most data logger software are fairly easy to use and almost intuitive, the real problem lies in the multitude of different data loggers and the difficulty in getting the correct software and keeping it updated. Even more problematic can be installing the correct interface cables or keeping track of them in the ever proliferating mess of cables we all find in our desk drawers!

Making such systems easy to use plus cost effective involves either making the cables universal or eliminating them completely. This would make it easy to read the data logger without connecting to a computer. To reduce costs and simultaneously reduce waste, the solution is to use reusable data loggers with Bluetooth or NFC communications. For example if a reusable data logger cost $60.00 US $ and was used only once per month for a year, the cost would be $5/trip. If it were used once per week for a year, the cost would drop to only $1.20/trip. This is far cheaper than insurance.

Your real cost is in the time it takes someone to take the data logger to a computer, start the software, find the cable and read the data logger and file the record.

There are 2 solutions here:

1) Our new 2c\temp, 3c\temp & Maxilog dataloggers all have detailed LCD displays that feature run time, alarm and quarantine notifications, and a loop memory. If you are not worried about logging all this data for future logistics, this is ideal. The receiver can quickly look at the display and decide if there is a problem. If yes then they download the unit and prepare a report. On the other hand (hopefully the majority?) there is no problem the data logger is sent on its next trip. The looping memory will simply overwrite the oldest data



2) Welcome to the future. Most new Smartphones have an interesting feature called NFC (Near Field Communications). This technology involves holding your smartphone on or over a device and being able to read the data. Our new 3CTEMP-USB RTD2 NFC & 3CTEMP-ULTRA Temperature Data Logger NFC wireless data loggers use this technology to be read and programmed. The APP to read them can be easily downloaded and this allows you to view the data and save it to a CLOUD database. If head office or a supplier wishes to view the data it's there to view with a simple password from you. No computer software to update, no cables and the 3CTEMP-USB RTD2 NFC & 3CTEMP-ULTRA Temperature Data Logger NFC wireless data loggers are ready to be reused.

The NFC models allow you to use reusable data loggers cost effectively and efficiently. If you are dealing with overseas shipments ALL models are available in a cost effective single use model as well. For in-store applications both 3CTEMP-USB RTD2 NFC & 3CTEMP-ULTRA Temperature Data Logger NFC offer cost effective display solutions.

Units can be used in coolers and freezers in place of standard display thermometers and are quite cost effective relative to these (especially for built in displays). The added value of having battery powered displays or logging in the event of power outages or equipment malfunctions cannot be understated. The ability for front line retail employees to see that a display cooler was out of range will go a long way to improving operations and quality control.

The 3CTEMP-USB RTD2 NFC & 3CTEMP-ULTRA Temperature Data Logger NFC units provide instant displays of the time out of range which would be critical in deciding whether products should be discounted or discarded. Continuing problems would alert them to service issues, doors left open and overloading. The 3CTEMP-USB RTD2 NFC & 3CTEMP-ULTRA Temperature Data Logger NFC would provide full data with just a tap of your smartphone. These would keep all monitored data confidential. This would be useful especially in conducting confidential studies and audits.

As a product passes through your cold chain from supplier, to D.C., to the store, to your coolers, the data could be easily downloaded to the Cloud database and the record appended with necessary records at each point of download.

All in all, this will lead to both easier to use data loggers with greater functionality and greater savings.

Call us today for more information and a demonstration or trial of these amazing new data loggers and our wide range of other cold chain data logging/ data management solutions.

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