



DISASTER STRIKES

10 years ago, in the labs of Aurora, Colorado, tragedy had struck the Medical Campus of the University of Colorado. As temperatures rose in refrigerators containing hundreds of years of Medical research, there began a problem. As one freezer began to malfunction, temperatures inside the freezer began to rise to unsafe levels. In a matter of minutes hundreds of hours of manpower and millions of dollars of research was lost, since researchers at the time had no way of knowing the refrigerators were malfunctioning.

A NEW SYSTEM

Tasked with finding the solution to this malfunction was Robin Brown, Director of the Electronic Security Division at the University of Colorado's Medical Campus. As he began researching solutions to this problem, he came across Hampshire Controls' temperature monitor. After testing Hampshire Controls' monitors, they quickly found a simple yet highly effective and dependable solution. Since the partnership with Hampshire, the Medical Campus has had **ZERO** loss of any material within the Medical Campus.



"Some of our material is irreplaceable, some of it is one-of-a-kind...Hampshire Controls' alarms give them an instant heads-up to run to the freezer and rescue that product so that the temperature doesn't rise...It 100% works. It has no failures"

-Robin Brown, Director

University of Colorado Medical Campus

University of Colorado's Anschutz Medical Campus leverages Hampshire Controls' temperature alarms to monitor decades of Cancer Research

When the University of Colorado's Anschutz Medical Campus (UC) needed a new solution to ensure they monitor and maintain proper refrigerator and freezer temperatures to prevent future damage to their biological samples, and it was no small task. Within their freezers are decade-old strands of HIV, E Coli, SARS (Severe Acute Respiratory Syndrome), Cancer, and Tuberculosis. From these strands the team at UC can research various components of these specimens to try and find cures to these deadly diseases.

When evaluating different monitors and companies, UC was looking for simple and effective tools. They did not want a temperature monitor that was dependent on any sort of networking, and a monitor that was affordable. At the same time, these monitors would be used as a fail-safe mission critical tool to the University's many Medical Labs. They had to choose a dependable company, and product that simply could not fail and performed perfectly. They evaluated a few companies and from a quality, dependability, and price perspective, UC eventually chose Hampshire Controls.

UC laboratory facilities are all equipped with [Hampshire Controls' Model T Sentry 140](#). The hundreds of monitors used are responsible for error-free protection approximately 2.6 million hours of the year. This USA--made temperature monitor includes an easy to read LCD display, audio & visual alarms, and has a standard operating range of -100°C to +100°C. It can also be wired and wirelessly integrated into the Model AMS remote Ethernet data logger and alarm notification system.

UC staff now receives instant notification of alarm conditions as soon as temperatures move towards unsafe levels (sent via security software). This allows them to properly address the situation and preserve their research. With many irreplaceable biological samples, they trust the products, and team, at Hampshire Controls. If you need a solution to the monitoring of your process, contact Hampshire Controls at 603-749-9424 or U.S. Toll Free 866-496-9424 today!

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