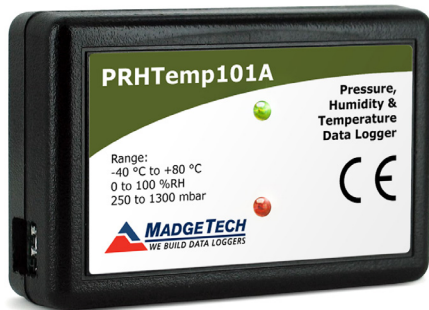


ULTRA-LOW TEMPERATURES CALL FOR ULTRA-RELIABLE DATA LOGGERS



BACKGROUND


Abbott, formerly known as Alere Scarborough, is a manufacturing device company located in Scarborough, Maine. For more than a century, Abbott has assisted with the evolution of complex healthcare environments as a global, consumer-focused company. Abbott is a world leader in rapid diagnostics, focusing on infectious diseases and toxicology.



For more information on the Cryo-Temp, RFRHTemp2000A, PRHTemp101A or to find the right data logging solution for your needs:

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CHALLENGE

Abbott manufactures three platforms: Lateral Flow Devices, ELISA plates and iNAT (Molecular).

These platforms are relevant in distinctive health issues such as the Flu, Strep, Legionella, HIV, Malaria, Filariasis, and several other infectious diseases. Abbott carries devices that are made to support curing these infections.

Manufacturing these devices includes storing a vast amount of bulk materials that require certain temperatures within specific ranges.

SOLUTION

“We use MadgeTech data loggers to perform validations on a variety of units”, says Kristen Welch, a Quality Assurance specialist with Abbott. These units include freezers, incubators, and coolers that reach temperatures as low as -80 °F. “Each application varies depending on the needs of the validation,” says Welch, “For example: for a -80 °F temperature monitoring, we put one Cryo-Temp data logger on each shelf for “X” amount of time. We use this data to assure the unit is performing within our in-house validation specifications.”



In addition, Abbott uses the RFRHTemp2000A Wireless Humidity and Temperature Data Logger to record temperatures in their facilities. With an audible buzzer and LED alarm indicator, they are notified when temperature readings are above or below the threshold set in the alarm. The company also uses MadgeTech’s PRHTemp101A Pressure, Humidity, and Temperature Recorder to monitor their materials. The miniature battery powered device records more than 13,000 measurements, and can be stopped directly from a PC, making data retrieval a quick and easy process.

With the addition of their efficient data loggers, Abbott finds ease in being able to validate their units in a timely manner, while also receiving reliable data analysis.

Thanks to MadgeTech’s comprehensive line of loggers, Abbott is able to closely monitor their storage facilities that hold their materials.