

Globally Recognized Thermal Processing Company Converts the Titan S8 into Airflow Meter



BACKGROUND

Alkar Systems is a food processing equipment manufacturing company located in Lodi, Wisconsin. Established in 1945, right around the time of World War II, Alkar started out using metal sheets for making war equipment and bending them into metal boxes which could have been used as ovens for cooking food. Now, Alkar custom engineers industrial scale batch and continuous cooking and chilling equipment for processors all over the world.

CHALLENGE

Alkar's latest equipment, the Turbochef, is a linear oven which incorporates the technology of convection heating, steam, and microwave for cooking food on a belt. Due to its complex design, it was difficult to hold the manual airflow meter directly under the fan to monitor air circulation inside the oven.

SOLUTION

Alkar purchased the MadgeTech **Titan S8** 8-channel data acquisition system for reading and storing the airflow data from the Turbochef. With the Titan S8, Alkar was now able to connect airflow meters and safely place them under the fan for precision monitoring. The data collected is then automatically saved to the Titan S8 and available for access at a moments notice.

“Having the MadgeTech Titan S8 has helped us in getting precise readings on the basis of reading voltage difference for airflow which the data logger converts and stores in the memory for future access. This easy conversion and easy access has helped us in speeding up the development process.”

– Ajitesh Yadav, Engineer, Alkar Systems


To learn more about the versatility of the Titan S8 and the benefits of implementing into your application, call us at (603) 456-2011 or email info@madgetech.com.



For more information on the Titan S8 or to find the right data logging solution for your needs:

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