

MADGETECH BRINGS UNIQUE VALUE TO BIOTECHNICAL SERVICES



BACKGROUND

Biotechnical Services (BTS), headquartered in San Diego, California, is a full-service independent company for the life science industry performing calibration, repair, validation and maintenance on a widespread variety of laboratory equipment.

Founded in 1989, BTS provides quality services performed by trained engineers, most of them averaging at least 20 years of experience. With an in-house calibration factory, they are able to perform high volumes of maintenance at a continuous rate.

CHALLENGE

With several storage and production units located at their facility that require specific temperatures at all times, BTS fully relies on accurate temperature mapping and monitoring solutions.

SOLUTION

Using MadgeTech's ultra-low temperature data logger, the Cryo-Temp, BTS can record temperatures for their chosen amount of time, ensuring that every room is in range of the desired temperatures. The Cryo-Temp is capable of recording temperatures as low as -122.80 °F.

Phil Parker, a representative of Biotechnical Services, describes a typical application set up utilizing the Cryo-Temp:

“A typical utilization is a 12-point temperature mapping of a constant temperature storage unit. Each unit is turned on and placed inside the unit in a specific location and will monitor the temperature for 12 and 24 hours at 5-10 minute intervals. Once complete, all data is retrieved and graphed for further analysis.”


By using the MadgeTech software and alert system, the Cryo-Temp can be configured to notify Phil and his team if temperatures exceed high and low warning limits.

The warning limits can be set to alert the user when the temperature is approaching a threshold higher or lower than desired. The alarm and warning settings directly correlate to the three LED indicators on the device.

For further information on the Cryo-Temp or additional solutions for the life science industry, contact us today:

 madgetech.com

 info@madgetech.com

 (603) 456-2011

