

ESSCO CALIBRATION LAB ASSURES ACCURACY



BACKGROUND

For over the past four decades, Essco Calibration Laboratory, located in Chelmsford, Massachusetts has been providing calibration services across the United States. Committed to providing high-quality solutions to meet the needs of their clients, Essco Labs is ISO/IEC 17025:2017 accredited, assuring global acceptance of their calibration and repairs of inspection, measurement, and test equipment (IM&TE).

CHALLENGE

Essco Labs needed to perform uniformity surveys in temperature equipment such as refrigerators, freezers, ovens,

and climate-controlled storage rooms. They also needed data loggers to provide validation of calibrations they performed on pharmaceutical equipment.

SOLUTION

Using MadgeTech's HiTemp140 data loggers instead of thermocouple wires has greatly reduced the setup time while also increasing Essco Labs test accuracy ratio of the calibration for their customers. MadgeTech's software interface allows Essco Labs to provide the data within 24 hours which aid in compliance with their internal validation requirements and other procedures.


Essco Labs also utilizes the PRTemp140 to validate autoclave calibrations. With the support of MadgeTech's data loggers Essco Labs can guarantee low calibration uncertainty.

For assistance finding the right data logging solution for your application, call us at (603) 456-2011.

For more information on the HiTemp140 or PRTemp140 or to find the right data logging solution for your needs:

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