PROMEDICA TURNS TO MADGETECH FOR AUTOCLAVE VALIDATION

BACKGROUND

Founded in 1987 and based in Oldsmar, Florida, Promedica is a leading designer and manufacturer of custom, high value medical carts, consoles and assemblies. With products ranging in level of complexity and FDA classifications, Promedica has attracted some of the largest medical device companies in the world as customers.

CHALLENGE

As with any medical application, it is of the utmost importance to ensure that devices and equipment have been properly sterilized. Promedica uses an autoclave for steam sterilization and were interested in using data loggers to validate that the autoclave is compliant with industry standards.

The autoclave records and prints a summary of each load, however, there's no guarantee the results are correct. Validating that temperature and pressure thresholds are being met within the autoclave chamber provides confirmation that contaminated items are in fact being properly sterilized.

SOLUTION

Using MadgeTech's **AVS140-6 Autoclave Validation System**, Promedica can obtain a complete profile of the autoclave to ensure it's operating as intended. Included in the AVS140-6 are five HiTemp140 high temperature data loggers, as well as one PR140 pressure data logger.

The HiTemp140 can withstand temperatures up to 284 °F, which is needed to ensure the autoclave chamber reaches 270 °F for four minutes during the sterilization cycle. The PR140 was designed for high temperature applications and applies during the drying phase when pressure is used to draw out moisture from the item(s).

By using the AVS140-6, Promedica can analyze the data in the MadgeTech 4 Secure Software. The software even meets the criteria to assist with 21 CFR Part 11 compliance. Promedica was impressed with the ease of use of the AVS140-6 as well as the software. They say they can now easily view the data and compare it to the autoclave findings.

For more information on data loggers used in autoclave validation, contact us today at **info@madgetech.com**.

Since this case study, Promedica was acquired by TouchPoint Medical

For more information on the AVS140 Autoclave Validation System or to find the right data logging solution for your needs:

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