

ThermoCeramiX Meets Industry Standards and Increases Revenue with QuadTech's Sentinel II

"With the use of QuadTech's Sentinel II System, we can meet UL, CE and CSA testing standards, replicate our customers test protocol, and collect, store and report testing data all with one system. QuadTech has provided ThermoCeramiX with unsurpassed technical support and application knowledge. They have raised the bar in customer service and responsiveness."

Mary Levitsky
Senior Engineer
ThermoCeramiX

Summary:

- Increased testing productivity by 100 percent
- Gained ability to test to industry standards accurately and reliably
- ROI achieved in 3 months
- Achieved data collection and reporting capabilities

The Challenge

ThermoCeramiX is a new company commercializing TCX, an electro-resistive coating and heating technology that enables robust real-time control of the thermal process. They manufacture heaters, heated industrial tooling and other TCX-enabled products for the appliance, aerospace, automotive, molding industries and semiconductor manufacturing equipment. Previously, ThermoCeramiX had no electrical safety testing capability. They were in search of an electrical safety tester that would be able to test to UL, CE and CSA standards for their products. They also needed to collect and record data for future reporting and customer comparisons.

The Solution

ThermoCeramiX chose the Sentinel II System, a QuadTech solution that includes a Guardian 6100 Plus for electrical safety testing and continuity measurements, CaptivATE, QuadTech's in-house automation software for data collection and reporting, and an AC Source to control line voltage and frequency.

This solution enabled ThermoCeramiX to perform accurate and reliable electrical safety tests on all of their products while meeting UL, CE and CSA testing standards. With the use of CaptivATE, the Sentinel II System also allows ThermoCeramiX to automate their production testing, record and analyze their data, and compare their results to their customer's results.

The Benefits

By using a QuadTech Sentinel II System Solution for electrical testing, ThermoCeramiX is able to meet industry test standards. ThermoCeramiX can be confident that their electrical testing is performed correctly on the first attempt and their test results are accurate, reliable and comparable. Additionally, ThermoCeramiX now has the ability to offer their safety testing and data collection capabilities to current and future customers.

ThermoCeramiX achieved their ROI in 3 months.