



Application Alley

PARTNER | SOLVE | DELIVER

Test and Measurement

Why Standex-Meder Test and Measurement?



Custom
Engineered
Solutions for
Tomorrow

Quality: In-house capabilities, proven expertise, reduced costs

Our team strives to be a true part of your design process, offering a wide variety of services to ensure the success of our global customer network. From tooling and reed switch modification to plastic molding and manufacturing capabilities, Standex-Meder's experienced engineers and advanced technology are one of the best ways we meet our quality commitment.

Component Corner (Expert Insights)
Mark Faulhaber
Director of Engineering, Standex-Meder

“ When you work with Standex-Meder, you don't need to use an external vendor for testing, and saves your company important time and money. With an outside lab, the testing process is often lengthier and more involved for the customer. There can be a lot of back-and-forth discussion and troubleshooting that adds extra time to the development of the product. When customers work with Standex-Meder, they can be assured that since we made the components, we'll know how to properly test them from the start. In addition, our unique life cycle capabilities and decades of experience can add real value to the project and make it easier to meet the exacting standards of any industry. ”

In-house testing capabilities are another crucial part of that commitment. Since we make the components themselves, we have an in-depth understanding of their limitations, their properties, and which tests would best serve your needs. In addition, Standex-Meder engineers have years of experience with military, medi-

cal, automotive, and aerospace standards. We can explain how specific requirements apply to your particular component, recommend testing processes, and help to ensure compliance with even the most exacting standards. As a one-stop shop for testing, mechanical design, and electrical design, Standex-Meder not only saves customers time and money, but also assumes ownership and accountability for every one of those processes.



When designing electrical systems, quality is absolutely critical. Even the smallest systems can require a large number of component-level tests, and each test is crucial to ensuring that your parts meet specification and industry-specific standards. You rely so heavily on these tests to prove the quality of your components. Have you ever thought to look at the quality of the testing processes themselves?

Standex-Meder is proud to offer extensive qualification testing capabilities for our components, including reed sensors, reed switches, and transformers. We perform many standard qualification tests – including vibration, shock temperature cycling, humidity – at our own facilities, giving you the benefit of added expertise and a faster return to market.

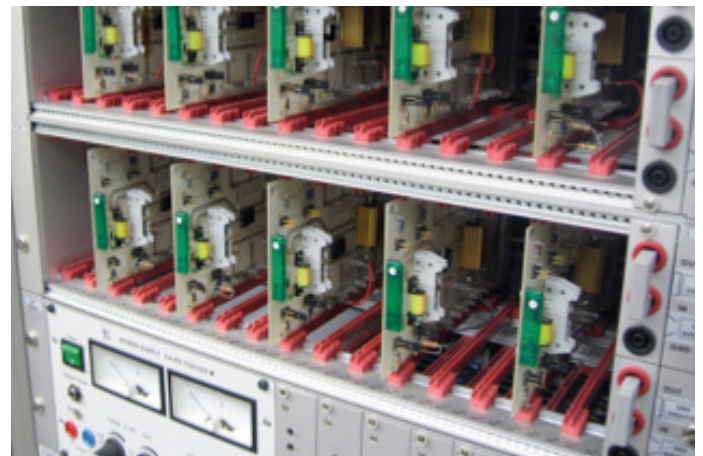
Our engineers are also able to assemble a customized testing regimen to fit your specific product.

Qualification Testing Capabilities

- In-house testing saves customers weeks compared to an outside lab
- Medical standards
- ITAR certified
- Humidity tests
- Terminal strength tests
- Temperature cycling
- Preliminary UL testing
- Aerospace and military standards MIL-STD-202, MIL-PRF-27, and MIL-STD-981
- AS90100 certification
- Vibration testing
- Shock tests
- Dust and gravel tests
- Salt spray tests



Our team strives to be a true part of your design process, and in-house testing capabilities are crucial to that commitment. Since we make the components themselves, we have an in-depth understanding of their limitations, their properties, and which tests would best serve your



needs. In addition, Standex-Meder engineers have years of experience with military, medical, automotive, and aerospace standards. We can explain how specific requirements apply to your particular component, recommend testing processes, and help to ensure compliance with even the most exacting standards. As a one-stop shop for testing, mechanical design, and electrical design, Standex-Meder not only saves customers time and money, but also assumes ownership and accountability for every one of those processes.

Life Testing Capabilities

- Unique, proprietary life cycle testing technology
- Adjustable loads, from 1 milliamp up to 100 watts
- Monitors and analyzes each cycle in real time
- Speeds of 100 hertz, 100 times per second

With Standex-Meder's accelerated life tester, we can capture every single cycle as it happens, and can test switches into the billions of cycles. This life testing is crucial for applications which use a large number of reed switches, such as the Automated Test Equipment (ATE) industry, where one switch failure can cause extensive delays. This testing also provides useful information about the relationship between load and lifetime.

Industry Applications

Aerospace, Automated Test Equipment, Automotive, Aviation, Electronics, Medical, Military

Find out more about our ability to propel your business with our products by visiting www.standexmeder.com or by giving us a hello@standexelectronics.com today! One of our brilliant engineers or solution selling sales leaders will listen to you immediately.

About Standex-Meder Electronics

Standex-Meder Electronics is a worldwide market leader in the design, development and manufacture of standard and custom electro-magnetic components, including magnetics products and reed switch-based solutions.

Our magnetic offerings include planar, Rogowski, current, and low- and high-frequency transformers and inductors. Our reed switch-based solutions include Meder, Standex and OKI brand reed switches, as well as a complete portfolio of reed relays, and a comprehensive array of fluid level, proximity, motion, water flow, HVAC condensate, hydraulic pressure differential, capacitive, conductive and inductive sensors.

We offer engineered product solutions for a broad spectrum of product applications in the automotive, medical, test and measurement, military and aerospace, as well as appliance and general industrial markets.

Standex-Meder Electronics has a commitment to absolute customer satisfaction and customer-driven innovation, with a global organization that offers sales support, engineering capabilities, and technical resources worldwide.

Headquartered in Cincinnati, Ohio, USA, Standex-Meder Electronics has eight manufacturing facilities in six countries, located in the United States, Germany, China, Mexico, the United Kingdom, and Canada.

For more information on Standex-Meder Electronics, please visit us on the web at www.standexmeder.com.

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