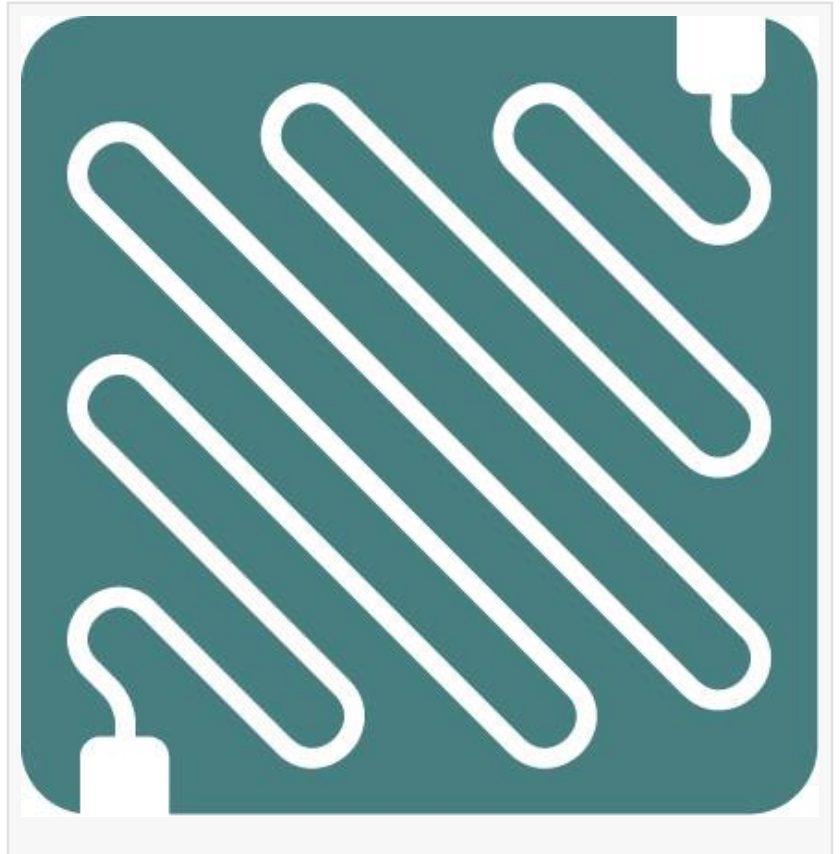


Ohmcraft Resistors Enable Accuracy of NIST Traceable Measurement Equipment

ROCHESTER, NY, UNITED STATES, November 29, 2017 /EINPresswire.com/ -- With test and measurement equipment, accuracy and reliability are paramount. Ohmcraft's thick-film, [high voltage, high precision resistors](#) are utilized by the world's top manufacturers of measurement equipment that must adhere to the National Institute of Standards and Technology (NIST) traceability standards.

NIST, as part of the U.S. Department of Commerce, has defined a national traceable standard for basic and derived measurement quantities, which is essential in ensuring that any measurement can be held accountable for its own precision. Resistors used in this capacity require extremely precise resistor tolerances to ensure long-term reliability and accuracy. For more than 15 years, Ohmcraft's [precision resistors](#) have been used in NIST traceable measurement equipment due to their ultra high ohmic value (up to 10 TeraOhms) and high voltage capabilities.



“Ohmcraft's [high voltage resistors](#) provide very tight resistor tolerances and ultra low voltage and temperature coefficients of resistance,” said Eric Van Wormer, Vice President of the Ohmcraft division of Micropen Technologies. “These characteristics ensure the long-term stability and precision of the measurement equipment, which is critical.”

If NIST standards are not met by the device performing the measurement, the accuracy of said measurement can be thrown into question. Equipment of this nature is used for a variety of applications, including the testing of insulation resistance in electrical wiring, the development of biomedical sensors, and the testing of machinery.

About Ohmcraft

Ohmcraft's thick-film, surface mount resistors are engineered to meet application specific needs. Our proprietary Micropen printing technology is the foundation for Ohmcraft's family of resistor products. Ohmcraft precision leaded resistors are manufactured with our patented Micropen technology to create a unique serpentine design that withstands voltages up to 100kV and provides an unmatched level of performance and stability. For more information, visit [Ohmcraft.com](#).

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