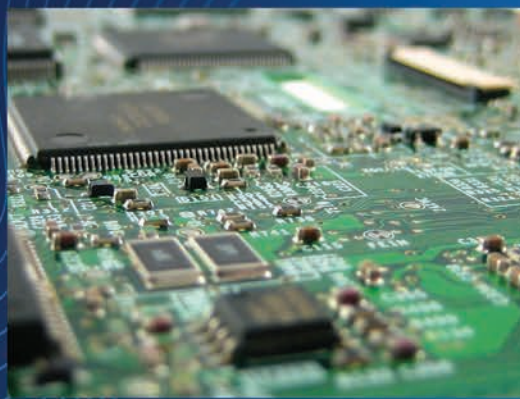


VITREK

Achieving New Levels of Precision

Test and measurement solutions for the most demanding markets



35 Years of Test and Measurement Innovation

We are one company, driving precision and innovation through a family of trusted, category-leading brands. Our portfolio includes proprietary, in-demand technologies, all designed and made in the United States. We are known not only for product precision, but our ongoing commitment to make networked data collection for advanced quality systems easier and user friendly.

VITREK

High-voltage testing, measurement and safety compliance solutions with a decades-long track record of incremental innovation and strong customer trust in multiple regulated end markets.

GaGe

High-speed, high-resolution data acquisition and digitization systems along with precision power analysis support mission-critical signal capture and analysis. Built on standard PCIe bus technology, they integrate easily into healthcare and ultrasonics, defense, communications, and other advanced technology environments.

mti instruments

Non-contact capacitive and optical measurement tools, turbine engine balancing systems and hand-held systems. MTI offers the most accurate non-contact semiconductor measurement equipment in its class, along with jet engine balancing systems that are the standard for leading airlines, the military, and related MRO facilities.

The Markets We Serve

Customers and regulators alike are demanding greater performance and quality for compliance as well as competitiveness. Vitrek is embedded in compliance and production workflows, enabling critical applications and new product designs in growing, highly regulated markets where precision, safety, efficiency and compliance are non-negotiable:

Appliances

Aerospace and Military

Aviation

Automotive

Data Storage

Electronics

Manufacturing

Metallurgy

Med Tech and Healthcare

Research and Education

Semiconductors

Electrical Systems and Devices

Vitrek Power Test & Measurement

Our comprehensive portfolio of precision high-voltage test and measurement solutions offers the safety, accuracy and ease-of-use needed for product development, certification and automated production testing alike.



Hipot Testers, High-Speed Switches & Software

Equipped for bar-code scanning and easy networking, Vitrek's 95x and V7x hipot testers can pair with the 964i high-speed, high-voltage switches for multi-point testing of up to 256 test points.



Precision High-Voltage Measurement

The Vitrek 4700 combines the highest level of AC & DC voltage accuracy with usability. Offering stability and resolution that rival HV reference dividers, the 4700 is portable and rugged.



Multi-Channel Power Analyzers

The PA 900's uniquely simple touch screen makes training easy AND helps you test with confidence. Offering a 00.24% base accuracy, the PA 900 is field-upgradeable to provide essential functionality.



Safety Enclosures

Designed for safe, efficient operation in lab and production settings, these enclosures safeguard operators while maintaining clear access and workflow during testing.



DC Electronic Load

Power up testing capabilities with the Vitrek DL Series DC Electronic Load — designed for unmatched accuracy, speed, and versatility. It features an intuitive touch screen for faster set-ups and deeper insights.



MTI Turbine Balancing Systems

For highly reliable measurement of capitalized equipment on the shop floor, in the field and in maintenance environments where uptime matter most.



On-Wing Engine Balancing

Built on 35-years of sustained innovations and the most advanced algorithms available, our portable balancing systems provide the industry standard vibration measurement and engine balancing for on-wing services.



Test Cell Engine Balancing

The PBS-4100R+ provides the accepted industry standard for a test cell "Front End," offering vibration data and balancing operations for maintenance, repair, and overhaul environments. A recent extension for the latest-model propulsion features engine digital data serving the most modern engine variants in a rack-mounted platform for easy installation.



Programmable Tachometers

The TSC 4800A provides accurate, non-contact speed measurement for rotating machinery. Built for reliability in industrial and MRO environments, it supports quick diagnostics and maintenance decisions.



Single & Multi-Channel Charge Amplifiers

The CA1800, 41CA and 55CA provide accurate, stable signal conditioning for vibration and dynamic measurement applications. They support precise data capture in various environments and applications.



Handheld Signal Generators/Calibrators

The 1510a is a high-grade portable signal generator for troubleshooting, verification and calibration tasks. The battery powered device is ideal for on-the-go use where performance is critical.



MTI Instruments & GaGe Digitizer Cards

Advanced sensing and data acquisition solutions deliver ultra-precise, non-contact measurement and high-speed signal capture for demanding inspection, metrology and analysis applications.



Non-Contact Capacitance Sensors

Our Accumeasure™ Series of products offer linearity of +/- 0.01 or better—basically the same as high-cost interferometers. They deliver accuracy and repeatability even where magnetic fields, temperature, humidity and air pressure may vary.



Semiconductor Wafer Metrology

Advanced non-contact measurement systems for semiconductor inspection deliver nanometer precision and the repeatability needed for quality control as well as standards and compliance.



Fiber Optics & Laser Measurement Systems

Compact and accurate to the μm , our non-contact Fotonic™ and Microtrak™ systems offer more bandwidth than capacitance-based systems. They also address a wider range of applications.



High-Speed Digitizers & Companion GPU Cards

Pairing these products enables rapid data capture and real-time processing for advanced signal analysis. Designed for performance-intensive applications, they support faster insight.



TRUSTED BY THE WORLD'S LEADING MANUFACTURERS • WHIRLPOOL • GENERAC • PHILIPS LIGHTING • TOSHIBA
HONEYWELL • ROLLS ROYCE • UL • DELTA TECHOPS • WILLIAMS INTERNATIONAL • PRATT AND WHITNEY MEDTRONIC
BOEING • US AIR FORCE • JOHNSON & JOHNSON • TERADYNE • UNITED AIRLINES • AXCELIS • GE APPLIANCES

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