

MTI's Proforma 300iSA Combines SEMI and ASTM Standard Compliance in Space-Efficient Benchtop Design

The Proforma 300iSA combines ASTM and SEMI standard measurements in a compact, desktop system for flexible semiconductor metrology.



Lockport, IL—November 18, 2025—Vitretek, a leading U.S. designer of precision measurement systems, has introduced the MTI Instruments **Proforma 300iSA Semi-Automated Metrology System**. The benchtop system delivers full SEMI and ASTM compliance in a compact footprint—offering laboratory-grade precision without the space demands of traditional floor-mounted equipment.

“The Proforma 300iSA represents a fundamental shift in how manufacturers approach precision metrology,” said **Todd Stukenberg, President at Vitrek**. “It provides accuracy, compliance, and efficiency in a form factor that meets modern lab constraints.”

Dual-Standard Flexibility

The system supports multiple ASTM standards (F533, F657, F534, F1390, F1451, F1530) alongside SEMI protocols, allowing manufacturers across semiconductor, medical, and aerospace industries to standardize on a single platform for diverse measurement needs.

Safety & Ergonomics

Designed to meet SEMI S2-0200 and S8-0999 requirements, the 300iSA emphasizes operator comfort and safety during extended use—critical in high-precision semiconductor environments.

Space Efficiency & Automation

Unlike traditional metrology rooms requiring specialized infrastructure, the benchtop design operates in standard labs, freeing valuable floor space. Automated routines and simplified operation reduce the need for highly specialized personnel, addressing the industry’s metrology skills shortage.

With semiconductor metrology projected to grow from **\$7.5 billion in 2024 to \$13.4 billion by 2032**, the Proforma 300iSA provides a timely solution—delivering precision, safety, and flexibility in one compact system.

About Vitrek & MTI Instruments

Vitretek is a leading U.S. designer and manufacturer of precision electrical and physical measurement systems serving industries where accuracy, reliability, and compliance are non-negotiable. From high-voltage test and calibration instruments to advanced semiconductor metrology platforms, Vitrek’s technologies empower engineers, scientists, and manufacturers to push the boundaries of performance and safety across energy, aerospace, automotive, and electronics applications.

As part of the Vitrek family of precision brands, **MTI Instruments** extends this expertise into the semiconductor and advanced materials sectors. MTI’s **Proforma 300iSA Semi-Automated Metrology System** exemplifies the company’s commitment to innovation—combining **ASTM and SEMI standard compliance** in a **compact benchtop design** that delivers **laboratory-grade precision** without the footprint of traditional floor-mounted systems.

Together, Vitrek and MTI Instruments deliver a complete portfolio of **precision test and measurement solutions**—from **high-voltage meters and hipot testers** to **non-contact wafer metrology and vibration analysis systems**—all engineered to help customers achieve uncompromising performance, compliance, and productivity.