

ARTISAN®
TECHNOLOGY GROUP

Your **definitive** source for quality pre-owned equipment.

Artisan Technology Group
(217) 352-9330 | sales@artisantg.com | artisantg.com

Full-service, independent repair center
with experienced engineers and technicians on staff.

We buy your excess, underutilized, and idle equipment
along with credit for buybacks and trade-ins.

Custom engineering
so your equipment works exactly as you specify.

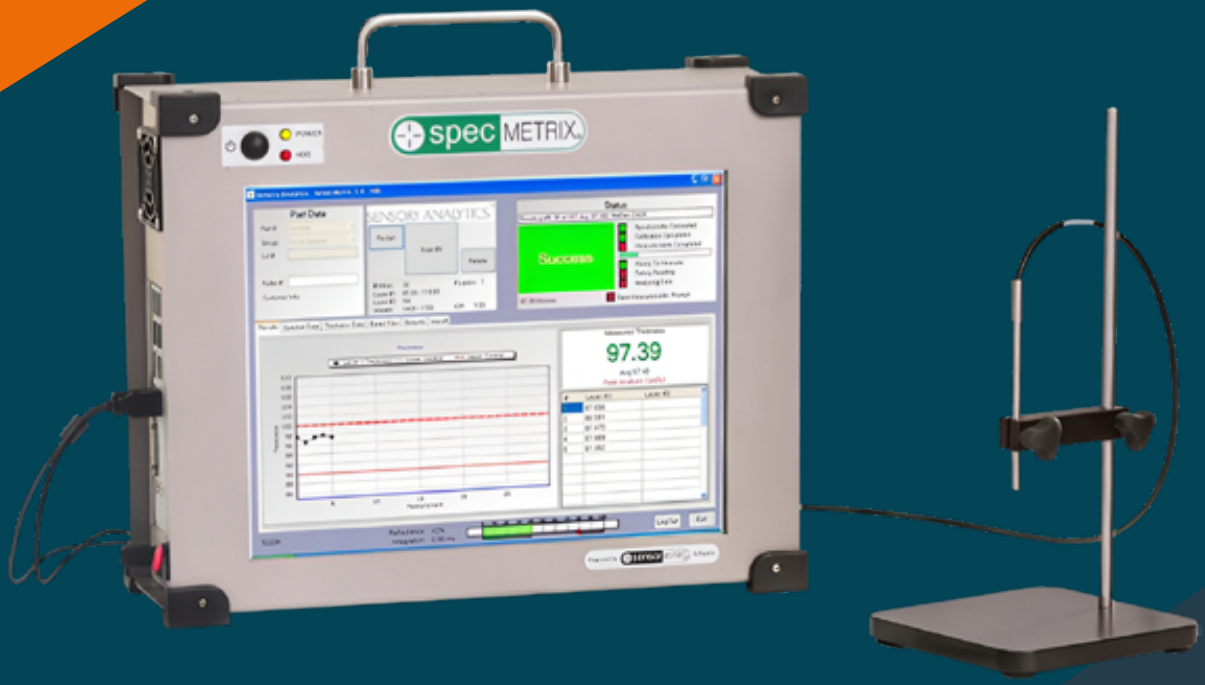
- Critical and expedited services
- In stock / Ready-to-ship
- Leasing / Rentals / Demos
- ITAR-certified secure asset solutions

Expert team | Trust guarantee | 100% satisfaction

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spec METRIX®



SpecMetrix®
Advanced Lab System

INDUSTRIAL PHYSICS

Protecting
Product Integrity

Advanced Lab Coating Thickness Measurement Systems

The SpecMetrix Advanced Lab System delivers a higher standard for non-contact, non-destructive and real-time thickness measurement for applied coatings and coated layers on samples.

Designed to streamline QA processes, the SpecMetrix Advanced Lab System is a preferred lab forensic tool based on its unmatched ability to identify and quantify absolute thin coating or layer thickness with nanometric precision.

The SpecMetrix Advanced Lab System accelerates offline sample testing and improves incoming and finished product inspections.



^ Real-time offline testing of coated flat samples and component parts. Lab accessories include sample test stand, holder and lab probes.

Features & benefits:

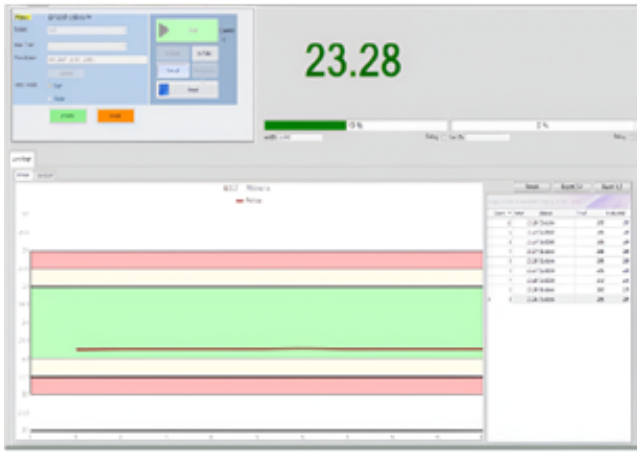
- **Flexible and Fast**
  Modular design with instant measurement capability from QA lab to production floor.
- **Non-Contact**
  Measurements are taken with no contact to coatings or substrate, preserving sample and part integrity.
- **Absolute Thickness Measurement**
  Ultra-precise, real-time measurement of coating or layer thickness accelerates sample testing, data collection and QA analysis.
- **Substrate Independent**
  Measurement ready for wet or dry samples of clear, colored or pigmented substrates.
- **Broad Range of Use**
  Real-time measurement for single or dual coatings or discrete layers down to sub-micron levels.
- **Non-Hazardous**
  Incorporates exclusive non-radioactive and non-invasive ROI and EXR optical technologies.
- **Environmentally Friendly**
  Non-destructive testing method helps reduces scrap, rework labor and energy costs.
- **Powerful SpecMetrix Software**
  User-friendly software package automatically stores all data to Excel or plant networks.

Options:

- **Enhanced Lab System for periodic in-line use**
- **In-line systems for continuous measurement**
- **Semi and fully automated ACS container coating QA systems**
- **X-Y Accessory for offline measurements of dry sheet or coil strip samples**



Modular design makes reconfiguration and system upgrade options easy.



In scan mode, measurements are taken for a given amount of time. The end result is the average of the measurements taken.

Technical Specification:

Measurement Range	0.3 to 250 microns (coating thickness)
Accuracy	+/-1% of coating thickness (nominal)* *Accuracy numbers provided are based on accuracy verification using NIST traceable thickness standards over the entire measurement range of 0.2 to 250 microns
Measurement Speed	Up to 100 per second
Temperature Range	0 to 45 °C
Output Metrics	Microns, mils, mg/in², mg/4in², g/m², mg/cm², lbs/ream
Operating System	Windows® platform
Manufactured	Made in USA
Certifications	CE CSA UL

Disclaimer

The information contained in this document is liable to modification from time to time in the light of experience and our policy of continuous product development. Check the Industrial Physics website for the latest version.

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INDUSTRIAL PHYSICS

specMETRIX®

Artisan Technology Group is an independent supplier of quality pre-owned equipment

Gold-standard solutions

Extend the life of your critical industrial, commercial, and military systems with our superior service and support.

We buy equipment

Planning to upgrade your current equipment? Have surplus equipment taking up shelf space? We'll give it a new home.

Learn more!

Visit us at **artisantg.com** for more info on price quotes, drivers, technical specifications, manuals, and documentation.

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We're here to make your life easier. How can we help you today?

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