



PRECISION METROLOGY SYSTEMS FOR INDUSTRIAL QUALITY CONTROL

HEXAGON MANUFACTURING INTELLIGENCE

Hexagon's Manufacturing Intelligence division is at the forefront of innovation, providing cutting-edge solutions that empower manufacturers to enhance productivity and quality. By leveraging data-driven insights and advanced technologies, Hexagon's solutions cover the entire manufacturing process from design and engineering to production and quality assurance.

Their comprehensive portfolio includes metrology hardware, software, and services that enable precise measurement and control, fostering smarter and more efficient manufacturing practices. With a commitment to driving the future of manufacturing, Hexagon is a trusted partner for industries seeking to optimize their operations and achieve superior performance.

EQUIPMENT • CALIBRATION • REPAIR • INSPECTION • CUSTOM SOLUTIONS

GLOBAL and Leitz Reference CMMs



Hexagon's Global and Leitz CMM models offer advanced measurement solutions tailored to varying inspection needs, from general purpose to ultrahigh accuracy applications. Designed for adaptability and future scalability, these systems support a range of sensor, software, and accessory options for optimal inspection performance.

SALES LINE CARD HIGHLIGHTS:

- **Global Series:** Highspeed, high throughput scanning for production environments.
- **Leitz Series:** Ultraprecision measurements for the tightest tolerances.
- **AutomationReady:** Seamlessly integrates with robotic automation.
- **Modular Upgrades:** Flexible options to meet evolving inspection needs.



Optiv M Series



The Hexagon Optiv M series offers multisensory CMM solutions designed for general purpose precision measurement of complex components across various materials and finishes. Equipped with optical, tactile, and rotary capabilities, the Optiv M series provides a versatile and scalable platform that supports seamless automation integration, ideal for smart manufacturing environments.

SALES LINE CARD HIGHLIGHTS:

- **Multisensory Measurement:** Combines camera, touch, and rotary sensors for versatile inspections.
- **Modular & Upgradeable:** Futureproof with infield upgrade options.
- **Automation Ready:** Integrates easily with IoT and automation solutions.



Laser Tracker Systems



Hexagon's Laser Tracker Systems, including the Leica Absolute Tracker series, are designed for precision, speed, and flexibility in large-scale metrology. With advanced features like long-range 3D scanning, high-speed dynamic measurement, and robust automation capabilities, these trackers enable seamless, high-accuracy measurement for complex applications across industries.

FEATURED HIGHLIGHTS:

- **Long-Range Scanning:** Supports ultra-long-distance, contactless 3D measurement.
- **Dynamic Tracking:** Capable of real-time, high-speed measurements.
- **Portable & Durable:** Built to withstand challenging environments.



Absolute Arm Series



Hexagon's Absolute Arm Series offers portable precision with flexible configuration options across the 7-axis, 6-axis, and Compact models, designed for applications from high-speed scanning to ultra-precision touch probing. With ergonomic design, multi-sensor compatibility, and IP54 protection, it supports a range of industries seeking accurate, user-friendly measurement solutions.

FEATURED HIGHLIGHTS:

- **7-Axis for Versatile Scanning and Probing**
- **Compact for High-Precision, Small-Part Measurement**
- **Durability:** IP54-rated and shop floor-ready.



SmartScan VR800



Hexagon's SmartScan VR800 is a structured light scanner engineered for high-precision and flexible data capture across various inspection workflows. Its variable resolution, multi-camera setup, and software-controlled measurement volume adjustments streamline data collection for large and intricate parts.

FEATURED HIGHLIGHTS:

- **Variable Resolution:** Smart Zoom and Smart Resolution functions adapt data detail and area size instantly.
- **Multi-Camera Precision:** Dual stereo cameras reduce setup time and enhance accuracy.
- **Robust Design:** Carbon-fiber construction ensures stability for industrial environments.



Handheld 3D Scanners



Hexagon's ATLASCAN Max and MARVELSCAN handheld 3D scanners are tailored for versatility and ease in precision measurement. ATLASCAN Max offers wireless functionality, freedom from fixturing, and three distinct scan modes, ideal for flexible, high-accuracy scanning across complex geometries. MARVELSCAN enhances scanning with photogrammetry, providing augmented accuracy without targets or restrictions, perfect for large parts or environments with limited accessibility.

FEATURED HIGHLIGHTS:

- **ATLASCAN Max:** Dynamic, wireless scanning with multi-mode adaptability.
- **MARVELSCAN:** Photogrammetry-enabled, targetless for broad area coverage.

