

Latest technology for real-time inline accurate measurement



Immediate results with no post-processing time required



Accuracy traceable to industrial measurement standards



Supports leading robot brands to adhere to your manufacturing requirements

ACCUSITE HD

High Accuracy for
Inline Robotic Measurement



ISRA
VISION
Part of Atlas Copco Group

About AccuSiteHD

AccuSiteHD is a robust optical measurement option for our industrial metrology solutions. This proven optical tracking technology cancels out the influence of the robot and provides the most accurate robotic measurement solution available for the plant floor. Inspect parts within minutes, greatly increasing your part inspection throughput compared to ring gauges, CMMs, and manual tools.

Accurate Robotic Measurement for the Plant Floor

We have combined over 40 years of metrology and manufacturing experience to create a truly absolute, correlation-free gauging solution built for the production floor. AccuSiteHD achieves a system level accuracy of less than 0.150 mm, validated using industry accepted performance metrics, per the DIN/ISO 10360-8 standard.

Complementing your dimensional gauging system with AccuSiteHD relegates any industrial robot to a simple mover and eliminates mechanical drift and temperature influences from the measurement results. As the HelixHD sensor scans the part features, the AccuSiteHD receiver locates the emitters attached to the sensor and records their exact location and orientation in space.

Optimized for In-Line Measurement Speed

AccuSiteHD determines the HelixHD sensor position in less than 0.1 seconds. The AccuSite and HelixHD combination gauges your part within seconds and minutes, compared to hours when having to transport the part to the quality room.

Dimensional gauging with AccuSiteHD is the most cost-effective and efficient option to get CMM level accuracy on your plant floor.

HIGHLIGHTS

- Engineered for the plant floor
- Multiple configurations
- Supports industrial robots
- Large coverage area
- Traceable to industry standards

SPECIAL FEATURES



Industry Proven

Systems installed around the world at leading automotive manufacturing facilities and at tier suppliers.



Scalable

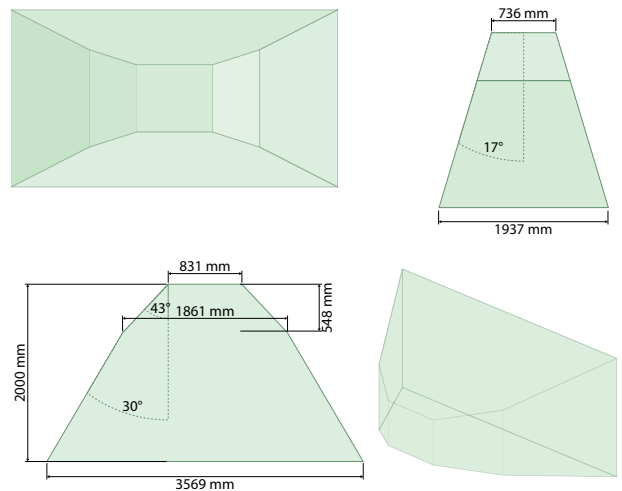
Up to 10 AccuSiteHD optical trackers to cover large parts and feature requirement.



Supports Hybrid Configurations

Combatale with fixed sensors in the same system to meet the most demanding cycle time requirements.

MEASUREMENT VOLUME



Optical Tracker Technical Data

Dimensions	1174 mm x 132 mm x 86 mm
Weight	8.3 Kg
Operating Temperate	10-45°C
Communications	Ethernet PoE
Protection	IP67
Certification	CE