



AccuSite

The Highest Accuracy
for Robotic Measurement

ISRA
VISION
perceptor

AccuSite

Highest Accuracy for Robotic Measurement

AccuSite is a robust optical measurement option for ISRA VISION/Perceptron's dimensional gauging 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

Perceptron has combined over 40 years of metrology and manufacturing experience to create a truly absolute, correlation-free gauging solution built for the production floor. AccuSite 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 ISRA VISION/Perceptron dimensional gauging with AccuSite relegates any industrial robot to a simple mover and eliminates all mechanical drift and temperature influences from the measurement results. As the Helixevo sensor scans the part features, the AccuSite receiver locates the emitters attached to the sensor and records their exact location and orientation in space.

Optimized for In-Line Measurement Speed

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

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

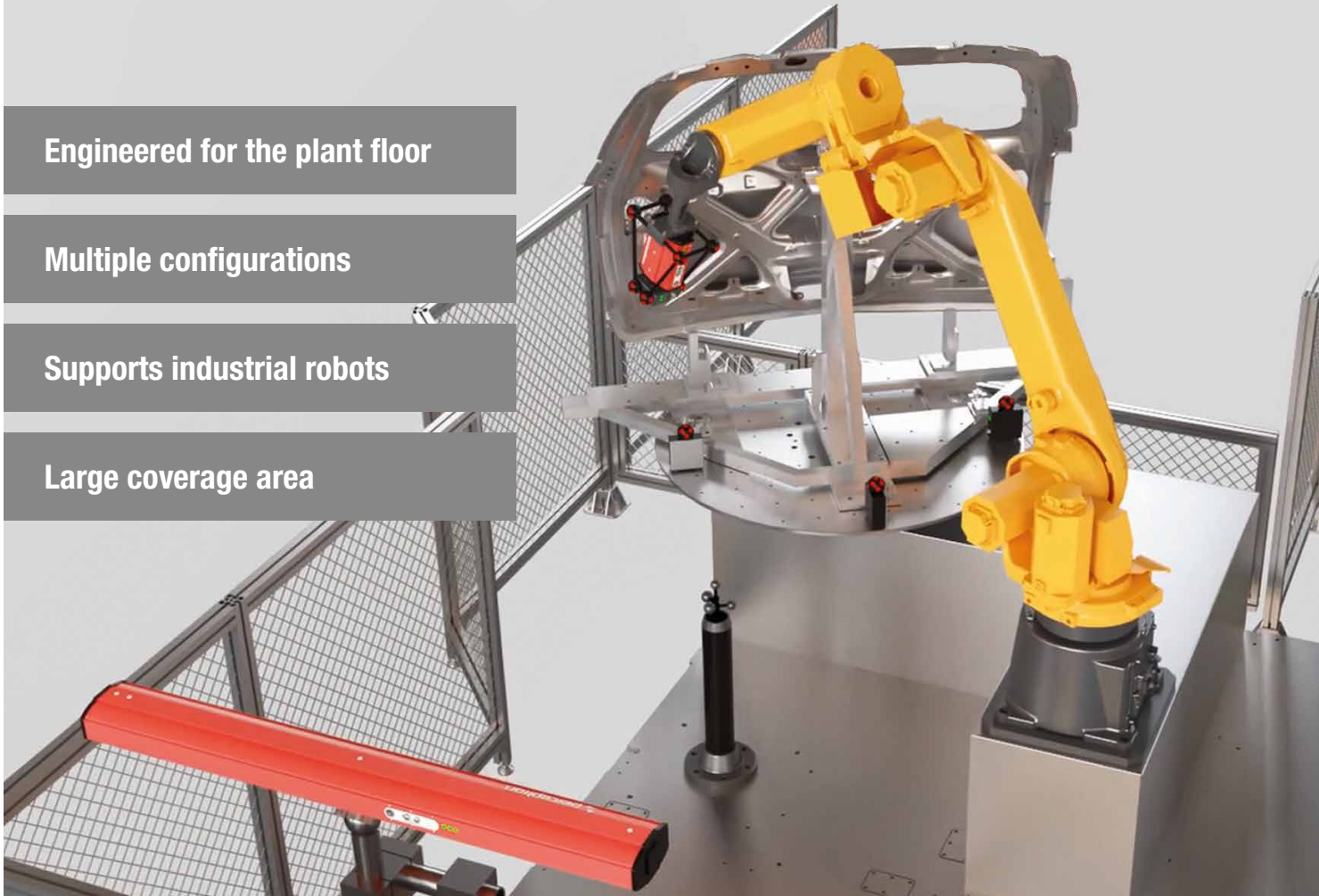


Engineered for the plant floor

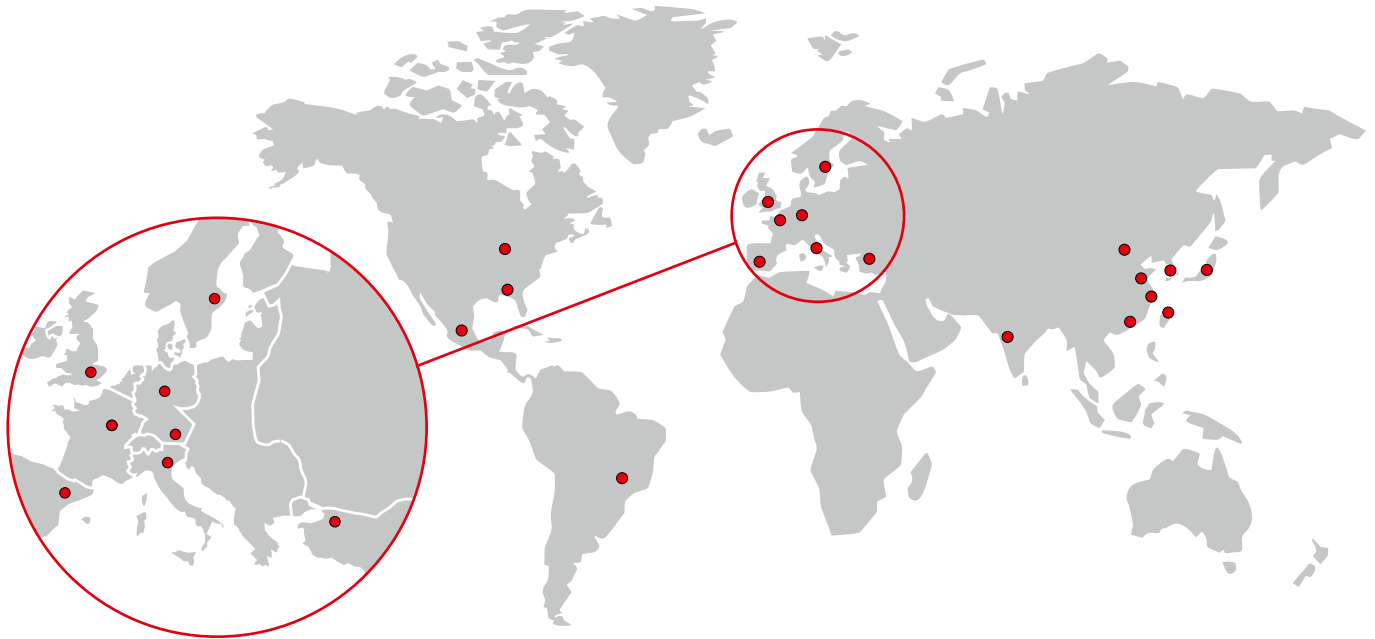
Multiple configurations

Supports industrial robots

Large coverage area



Innovations for industrial metrology



Automation at its best

ISRA VISION has been a leading supplier of high-performance quality inspection, robot guidance, and production logistics systems for more than 30 years.

The addition of Perceptron's automated 3D metrology solutions and coordinate measuring machines to the portfolio offers you tailored and automated quality measurement along the entire process chain. The globally proven and innovative metrology equipment from Perceptron ensures that every product meets the highest standards for end-to-end quality assurance – enabling a fast return on investment.

We consistently align our solutions with the requirements of our customers. We also provide you with full support after delivery in the form of service and maintenance – so you can sustainably raise productivity by using your systems.

More than 900 employees at our sites in Europe, North and South America, and Asia are committed to your success.

Perceptron – the pioneer for automated quality measurement

Together, ISRA and Perceptron exemplify the highest standards of competence and precision. Perceptron is a global leader in automated 3D measuring solutions and coordinate measuring machines. Customers from a wide range of industries rely on Perceptron for the following reasons:

- From 100 % inline quality measurement to coordinate measuring machines – Perceptron offers the right measuring solution for demanding applications. More than 2,700 inline systems from Perceptron are already in operation.
- Perceptron leverages extensive know-how and decades of experience to develop innovative solutions for complex measurement tasks in modern assembly lines. Examples include in-process moving-line gap & flush inspection on transparent surfaces, or the use of state-of-the-art tracking technologies for absolute-accuracy dimensional gauging on the shop floor.
- Our automated metrology solutions ensure that every product meets the highest standards in terms of fit and processing. This reliably minimizes reworking, reduces reject rates, and increases productivity.

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Optimize your ROI with the technology leader **ISRA**

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