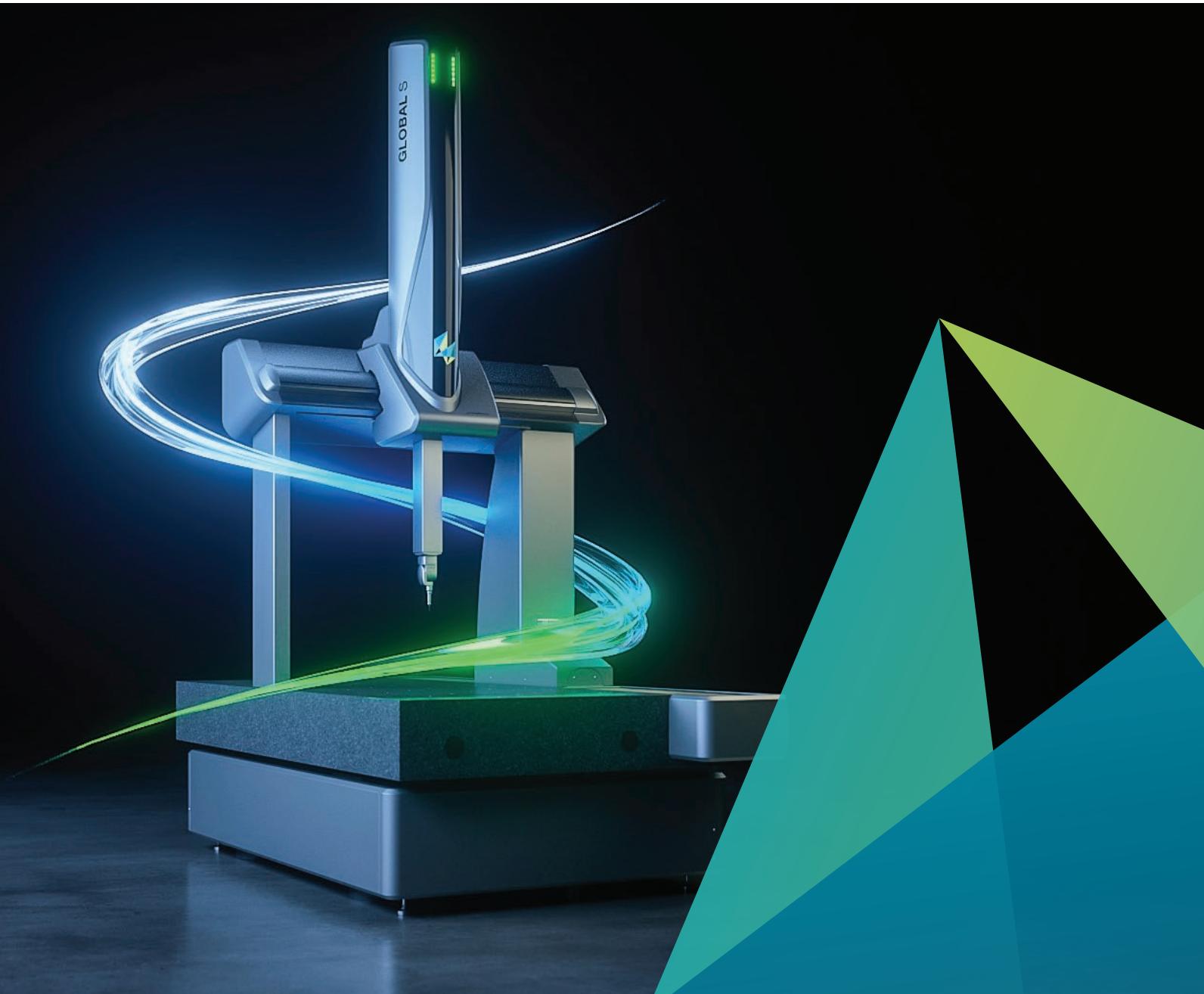
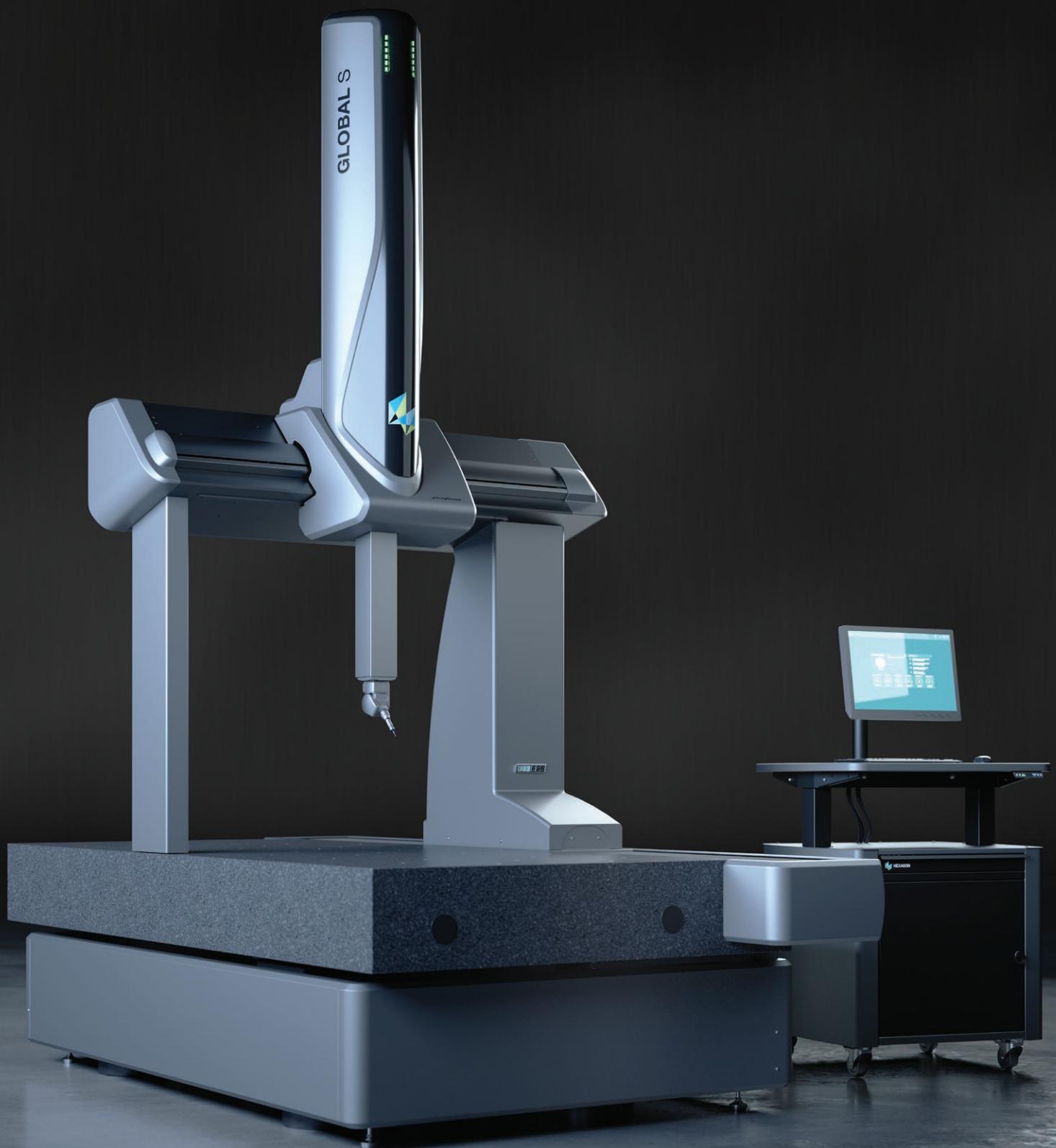


GLOBAL S

The coordinate measuring machine pushing productivity further





Pushing productivity further...

With consumers demanding increasingly customised products on shorter lead times than ever before, productivity has become the key competitive driver in manufacturing. Productivity measures the efficiency of production in terms of precision, throughput and cost. To remain ahead of the competition, manufacturers need to find the right balance of these factors to meet their production targets. They need to embrace new technologies that improve efficiency in the critical areas of their workflows and ensure that every stage of the process contributes to a successful overall outcome.

Metrology equipment is no exception. Today, the measurement process must fit the overall production cycle time rather than increase it. Hexagon's Enhanced Productivity Series (EPS) concept, GLOBAL S brings together enhanced technologies to form an optimal measurement solution with three performance levels: Green, Blue and Chrome, to suit the requirements of any application. EPS machines offer manufacturers the option to select their main productivity driver and configure the CMM for throughput, precision, flexibility or shop-floor capability. The CMM range also supports fully-customised setups to ensure that GLOBAL S is universally applicable and drives continuous productivity improvements.

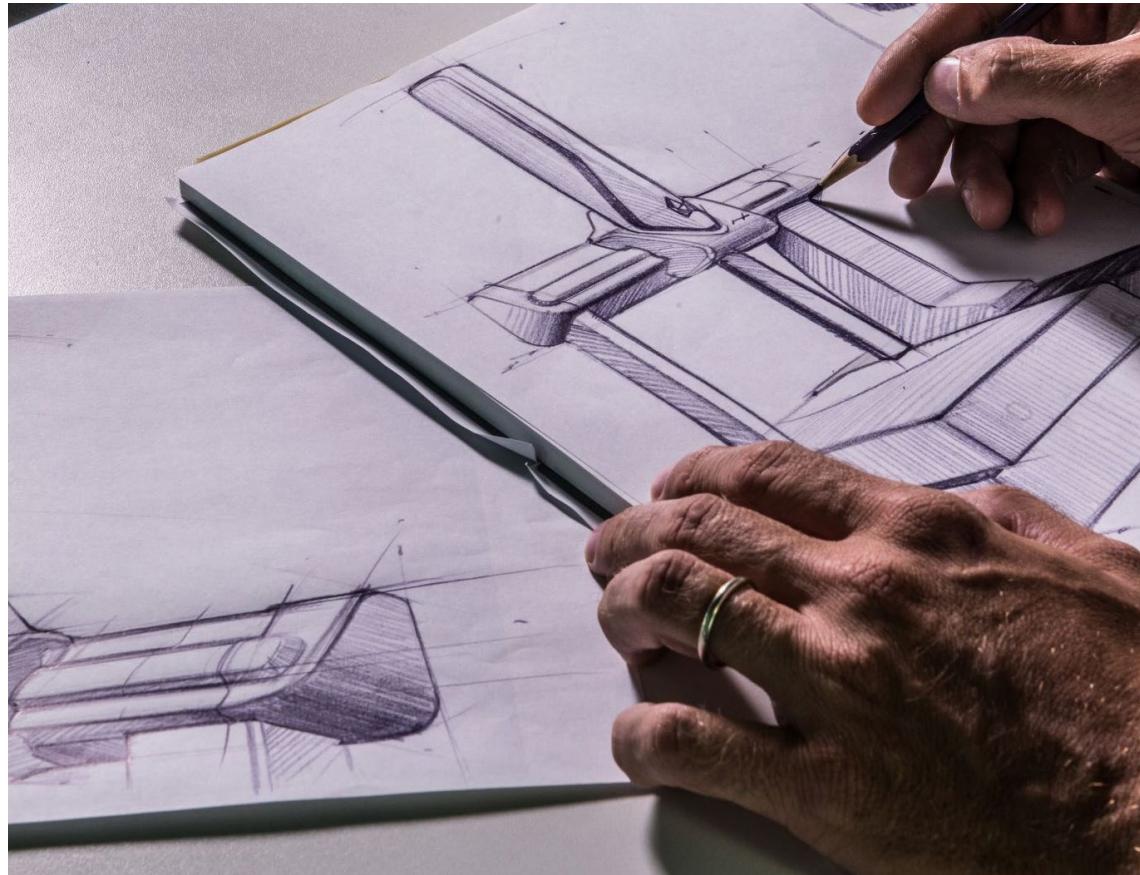


Designed to make you more productive

Every component of the Enhanced Productivity Series is designed to enhance your company's efficiency and effectiveness. By increasing automation levels and confidence in your measurement workflows, EPS machines enable you to shift focus from repetitive, manual tasks to value-added activities, such as enhancing quality, reducing scrap, and ensuring on-time shipping.

From the smart technologies dedicated to increase your system's travel and measurement speed to the innovative control center that simplifies CMM interfacing, EPS makes inspection processes easy, fast, and reliable. GLOBAL S can be configured and adapted to meet your changing production needs, business objectives and application requirements.

With EPS, you can be confident that your quality technicians creating measurement routines, operators executing the inspection, and quality managers analysing the data all have the tools they need to ensure continuous improvement in the production workflow.



Design by Pininfarina, GLOBAL S delivers superior measurement performance and enhanced productivity for the unique needs of any production environment



Automate your measurement execution process by letting EYE-D identify, align and measure your part automatically



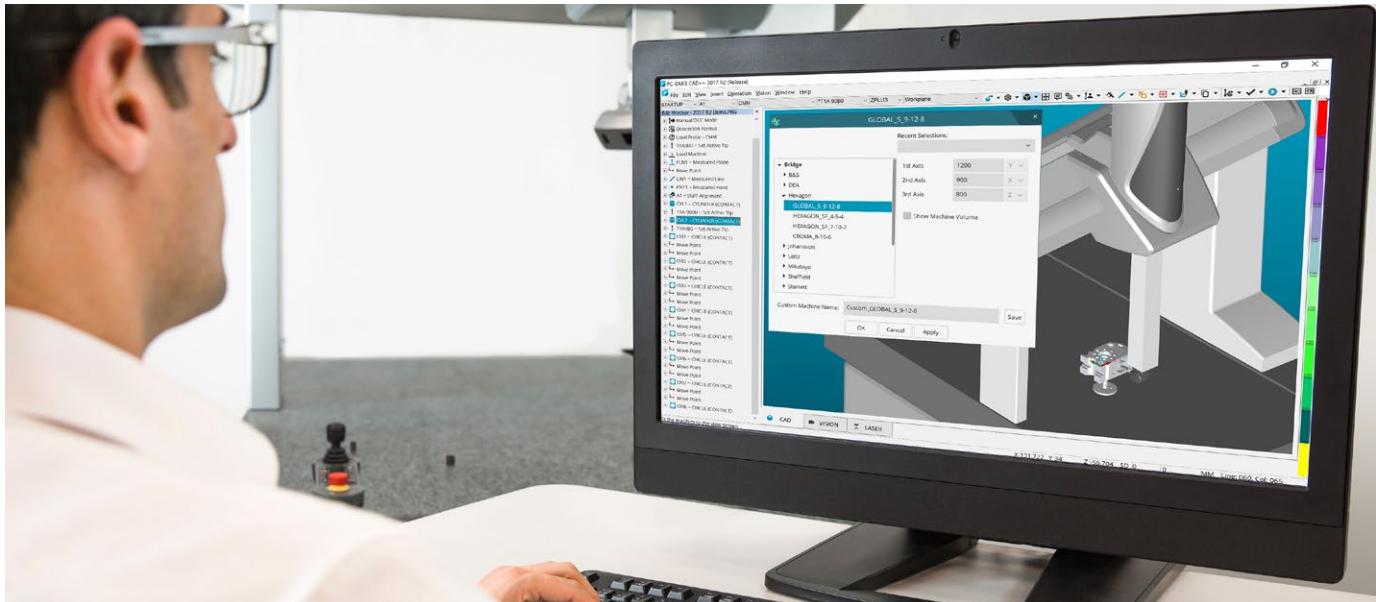
More than a jogbox, this wired or wireless handheld digital control center (dCC) enables quick access to metrology software applications from anywhere around the CMM



Identify root causes faster by eliminating environmental discrepancies with PULSE. Get automatic notifications if there is a probe crash or environmental thresholds are breached.



Add another shift to your quality department using TEMPO, the lights out manufacturing tool. Just load and schedule your parts and let TEMPO do the rest.



Ease the integration into automated systems with plug-and-play hardware and modular supervisor for production workflow management

Throughput drives productivity

In today's increasingly competitive industry, throughput is key to maintaining and strengthening market position. Avoiding delays and ensuring parts are shipped on time can make all the difference for retaining and gaining customers while driving a growing, profitable business.

The CMM is designed with a range of smart technologies to help you reach the highest levels of throughput required in today's market. From enhanced scanning speeds, through automated measurement routine optimisation, to easy-to-use inspection data, GLOBAL S is the ideal solution if your production demands high volume and fast output.

Manufacturers can add greater value to their quality operations by enabling operators to work away from the CMM while the machine measures autonomously. By reducing manual tasks such as part loading with automated systems. By leveraging enhanced technologies that shorten inspection cycles. GLOBAL S delivers all this and more to help manufacturers increase their competitiveness and drive faster, reliable results.



You have deadlines; now have the throughput.



Get the speed you need without compromising on precision with **Compass and Scan Pilot technologies**.



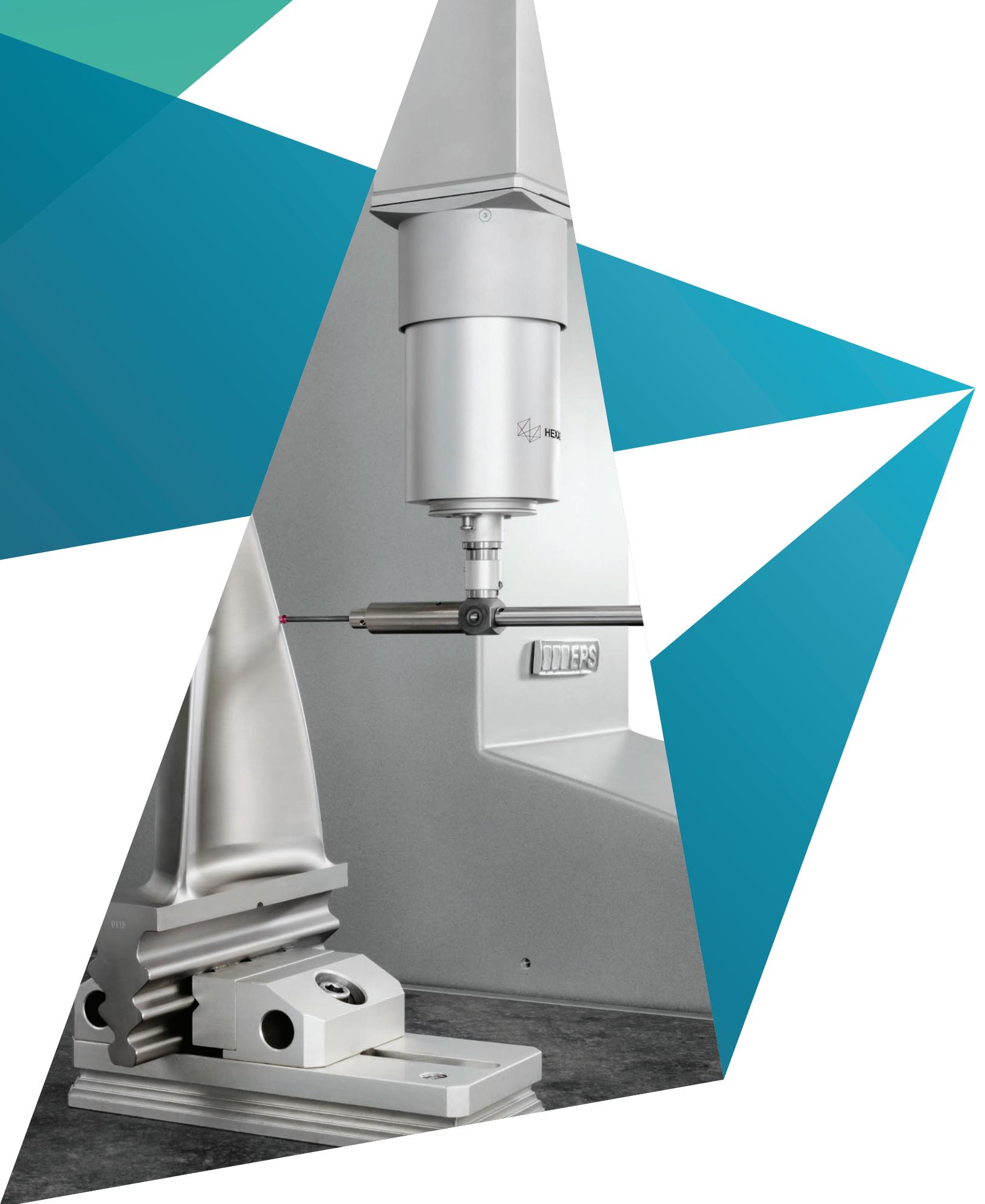
Optimise measurement times by reducing number of inspected characteristics with **Q-DAS dynamic inspection**.



Save time and reduce manual tasks with automated workflows through **Integration kits**



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Precision drives productivity

From medical device producers to aerospace OEMs, many manufacturers assure the functionality of critical workpieces and products. Whether it's ensuring the correct form of an orthopaedic implant or the exact clearance of an aero engine turbine blade, inspection activities for these organisations have a direct impact on the well-being and safety of people, let alone company bottom line. Likewise, the utmost precision is essential to save time and money by reducing scrap. Precision is at the heart of part workability and, in turn, customer satisfaction.

The margin for error is minimal, but the cost of such errors could be significant.

These production teams are working with extremely tight tolerances. The often low volume production cycles is further proof that, for these applications, the highest possible accuracy is the overwhelming priority. GLOBAL S is designed to ensure you can be confident in your metrology results. From its robust structure, through the precise movement of its dovetail guideways, to its high accuracy sensors and scanning technology, GLOBAL S is the perfect partner for workshops dealing with complex geometries and the finest tolerance requirements.



You want process efficiency; now have the confidence.



Enhance analysis of submicron measurement tasks with **QUINDOS software**.



Drive fast and precise inspection with the **HP-S-X5 fixed scanning probe**.



Ensure awareness of potential environmental impact on results with the remote monitoring tool **PULSE**.

Capability drives productivity

Whether manufacturers aim to improve current offerings, develop new solutions or venture into new markets, product innovation and increasing customisation are of ever-growing importance for business growth. These initiatives are at the heart of any strategy to gain new customers and strengthen reputation with current clients.

Inevitably, with these changes comes evolving production and inspection demands. Meeting new application needs requires solutions that not only deliver confidence in current production processes, but offer a wide variety of capabilities and the adaptability to meet new challenges effectively.

For manufacturers producing many different types of workpieces, or focusing on parts with a variety of features, material types or varying surface characteristics, flexibility of measurement strategy is essential to maintain productivity. With its multisensor capabilities, GLOBAL S offers the inspection flexibility required to switch seamlessly between applications with completely different requirements, while ensuring maximum efficiency and precision.



You want growth; now have the capability.



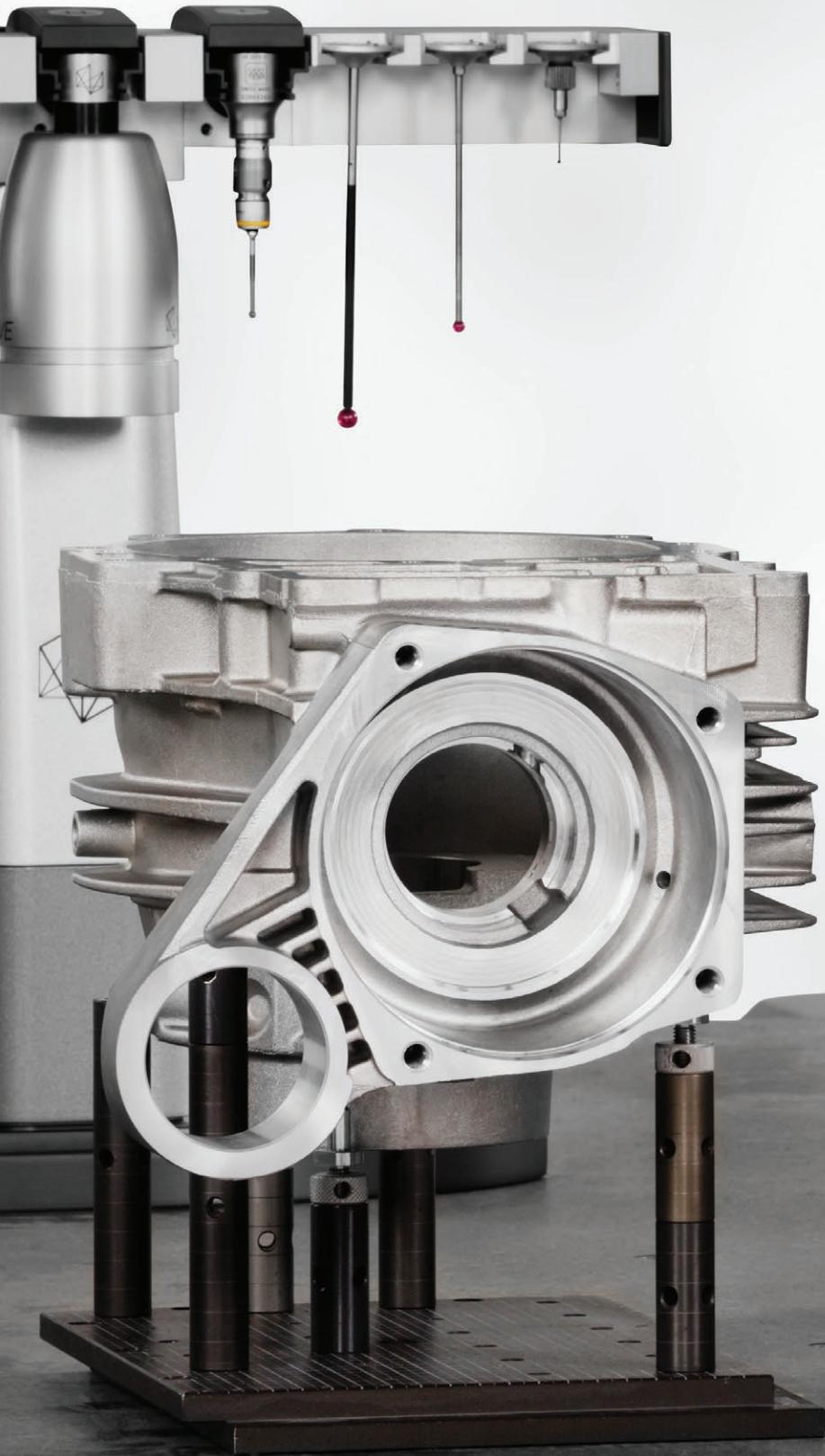
Increase inspection flexibility with a range of **automated and manual sensor exchange systems**.



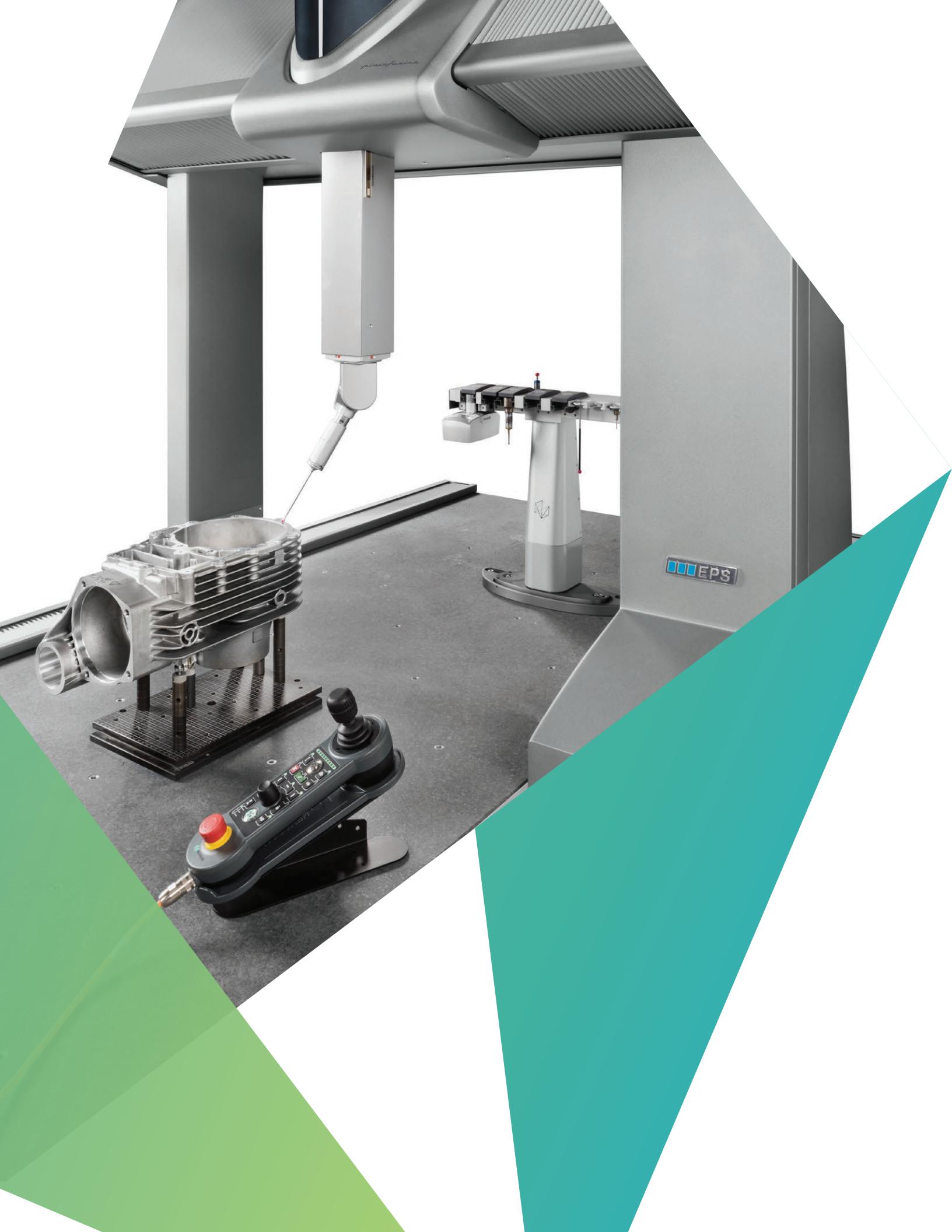
Bring speed to measurement of complex workpieces with the **HP-L non-contact laser scanning sensors**.



Measure fragile surfaces with ease using the **HP-C-VE optical sensor**.



[Read application report](#)





Read application report

Integration drives productivity

For manufacturers, one of the strongest internal drivers of change is the optimisation of production processes. Leading organisations are driving efficiencies by streamlining the production and quality cycle through greater integration.

Moving measurement closer to the point of production saves considerable time in transporting parts, increases uptime, and enables faster identification and rectification of any workpiece errors. These compounding benefits can be significant drivers of competitiveness, enabling shorter time-to-market and more efficient workflows.

The robust GLOBAL S is built to ensure inspection precision and performance near the production line, with a range of protective designs to mitigate the effects of contaminants, excessive vibrations and variable temperature. A range of compatible technologies also enable fully-automated CMM operation within the production line to drive productivity even further.



You want to be cutting-edge; now have the technology.



Enable production-level operators to run routines simply with **PC-DMIS Inspect**.



Have the confidence to work away from the CMM with the remote monitoring system **PULSE**.



Enhance CMM uptime and machine utilisation with **HxGN SFX | Asset Management**.



Hexagon is a global leader in sensor, software and autonomous solutions. We are putting data to work to boost efficiency, productivity, and quality across industrial, manufacturing, infrastructure, safety, and mobility applications.

Our technologies are shaping urban and production ecosystems to become increasingly connected and autonomous – ensuring a scalable, sustainable future.

Hexagon's Manufacturing Intelligence division provides solutions that utilise data from design and engineering, production and metrology to make manufacturing smarter. For more information, visit hexagonmi.com.

Learn more about Hexagon (Nasdaq Stockholm: HEXA B) at hexagon.com and follow us [@HexagonAB](https://twitter.com/HexagonAB).