

Hexagon Manufacturing Intelligence Updates Leitz Reference CMMs

Revitalised Design and New Features Added to Ultra-High Accuracy Coordinate Measuring Machines

The ultra-high accuracy Leitz Reference HP and Leitz Reference Xi coordinate measuring machines (CMMs) from Hexagon Manufacturing Intelligence are now more individually adaptable than ever before with a new range of upgrade options and capabilities.



The latest Leitz Reference CMMs are compatible with the Future Ready cabling system, developed to offer optical as well as tactile measurement through the SENMATION universal sensor interface. This enables seamless sensor interchange for automated measurement routines combining multiple measurement methods. Future Ready allows the SENMATION upgrade from Hexagon to be fitted quickly and efficiently, whenever the customer requires it, removing the need to make a confirmed decision at the point of purchase.

The updated CMMs are also now compatible with the PULSE real-time monitoring system, which provides environment traceability to ensure data integrity whilst improving safety and security during the measurement process. Real-time monitoring of the metrology environment provides

actionable information for technicians to reconcile with changes in condition to support root cause analysis.

In addition to the internal technology updates a new ceramic ram, optimised for more robust performance, has been added. Offering excellent scanning performance, this technology has been proven in use with the Leitz

PMM-C line, the most accurate CMMs in the Hexagon range. The new machine design of the Leitz Reference also features easily noticeable messaging lights, enabling at-a-glance monitoring of the machine condition.

“We are continuously working to make ultra-high accuracy measurement better than ever for our customers,” states Lukas Kaps, Product Manager for the ultra-high accuracy CMM line at Hexagon Manufacturing Intelligence. “Our goal with this latest upgrade to the Leitz Reference CMMs was to increase their adaptability to different applications, futureproofing them against changes in customer requirements whilst optimising operating performance.”