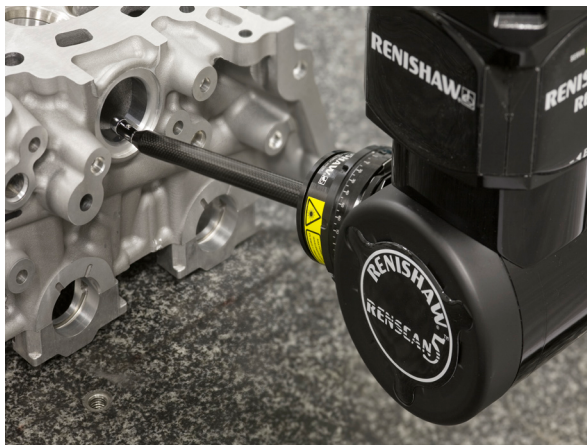


Renishaw launches groundbreaking CMM retrofit service and true absolute optical encoders

Renishaw will be announcing a series of major new initiatives at Control 2009 (stand 3304, hall 3), including its first **CMM retrofit service**, its first metrology software, a new surface finish probe and a range of new optical encoders including a fine-pitch absolute encoder with ground-breaking specifications.

The show takes place from 5th to 8th May in Stuttgart, Germany, and one of Renishaw's key messages is for manufacturers throughout Europe who are suffering from unacceptable inspection bottlenecks that tie up staff and expensive machines whilst waiting for vital measurement results. Visitors will see that a cost-effective Renishaw CMM retrofit does not require a large investment in new equipment and is available for all budgets and applications, from touch trigger probing and 3-axis scanning, through to the latest ultra-fast **REVO®** 5-axis measurement system.

Engineers at the Renishaw stand will be pleased to offer a free, no obligation consultation, about retrofitting a CMM. Even if visitors have an older CMM they may be very surprised at the results that can be achieved by a one-stop retrofit solution from a company with expertise in all relevant technologies, from Renishaw's new **MODUSTM** metrology software and UCC2 controller, through to sensors and machine calibration.



REVO® surface finish probe - fully integrated within programs



Elements of a Renishaw CMM retrofit

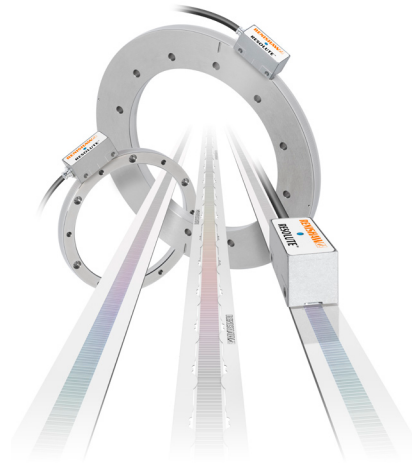
Also demonstrated will be the new **REVO®** surface finish probe, which should be of great interest to many quality control operations, offering fully integrated surface finish measurement within a CMM program. Using passive infinite rotational adjustment the probe can be orientated to allow the measurement of a surface at any angle and is suitable for a range of applications, including plain surfaces, bores and bosses.

Control is also an opportunity to see **RESOLUTE™**, Renishaw's true absolute, fine-pitch optical encoder system that has excellent dirt immunity, and an impressive specification that breaks new ground in position feedback. The world's first absolute encoder capable of 27-bit resolution at 36,000 rpm, this gives **RESOLUTE™** an astonishing market-leading resolution of just 1 nanometre at 100 m/s for both linear and angle encoder applications. Large set-up tolerances enable easy installation and high reliability, whilst low jitter and SDE (Sub-Divisional Error) meet the demands of high precision stages.

Also on show at Control, **TONiC™** is Renishaw's new super-compact non-contact optical encoder, offering speeds up to 10 m/s and resolutions down to 5 nm for both linear and rotary applications.

Renishaw invites all visitors to Control to use the Renishaw stand as a convenient base for their visit, with meeting facilities and complimentary refreshments available throughout the exhibition. This is the second year that Control will be held at the new Stuttgart Exhibition Centre, which is on the same site as Stuttgart airport and therefore just a short walk from the terminals. It is also well connected for visitors arriving by road or rail. Manufacturers from across Europe can therefore easily visit Control 2009 in a single day.

For more information please visit
www.renishaw.com



RESOLUTE™ absolute fine-pitch optical encoder systems