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**New addition to Renishaw’s calibration product portfolio to be demonstrated at Advanced Manufacturing 2017**

On the 6-8th June 2017 Renishaw will once again be demonstrating its diverse portfolio of metrology and additive manufacturing solutions at the Advanced Manufacturing show 2017 located at the NEC in Birmingham. On stand B61 visitors to the show (co-located with Subcon and The Engineer Design and Innovation Show) will have the opportunity to discuss with industry experts how Renishaw may be able to support their business through refining their manufacturing processes.

For the first time in the UK visitors to Renishaw’s stand at Advanced Manufacturing will be able to see the newest addition to Renishaw’s calibration product portfolio; the XM-60.  A laser measurement system capable of measuring errors in six degrees of freedom along a linear axis simultaneously from a single set-up, the XM-60 provides a powerful diagnostic tool to measure all geometric errors in the axis from a single capture.

The ability to provide 5-axis measurement for co-ordinate measuring machines has long been one of Renishaw’s key innovations that has ensured it remains a market leader within the metrology industry. At Advanced Manufacturing 2017 Renishaw will also demonstrate its PH20 5-axis system for touch-trigger measurement and will showcase its latest CMM software to complement its hardware – MODUS 2.

Designed with usability in mind, MODUS 2 has an innovative interface that is simple for new users to learn and fast to program, resulting in unprecedented levels of productivity with or without a CAD model. The user experience is designed to be identical whether the software is connected to a ‘live' CMM or working in an offline environment where full simulation with speed control allows measurement sequence development and visualisation. Renishaw experts will also be on hand to discuss the opportunity to retrofit current CMMs, providing a more affordable yet comprehensive measurement solution that delivers increased productivity, reduced inspection lead times and greater automation of measurement tasks.

Renishaw is the only UK manufacturer of metal additive manufacturing systems and its stand will also display multiple complex parts which demonstrate the potential that additive manufacturing has for multiple industries and applications, from aerospace and automotive to dental and medical.

Renishaw’s Equator gauging system will also be shown at Advanced Manufacturing 2017. With the ability to compensate for thermal change through re-mastering against a known reference master part on the shop floor, the unique system can significantly reduce scrap, reduce bottlenecks and streamline a users manufacturing process. With intuitive software and user interface the Equator gauge removes dependence on the skill of manual gauge users, reduces gauging inconsistency, whilst ensuring parts that are out of tolerance are always identified.

In addition to the above, Renishaw will also be exhibit its diverse range of machine tool inspection probes and tool setters. The use of accurate and precise machine tool probing is essential for maximising the efficiency, quality, capability and accuracy of machine tools, allowing users to establish the location and size of parts throughout the machining process – subsequently increasing in-process control.

**-ENDS-**