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**Renishaw announces new non-contact vision probe for the REVO® multi-sensor system**

Renishaw is pleased to announce the launch of a new vision measurement probe (RVP) for use with the REVO® 5-axis measurement system on co-ordinate measuring machines (CMMs). RVP increases the multi-sensor capability of REVO-2 by adding non-contact inspection to the existing touch-trigger,
high-speed tactile scanning and surface finish measurement capability of the system.

For certain applications, non-contact inspection provides clear advantages over traditional tactile probing techniques. Thin sheet metal parts or components with large numbers of holes as small as 0.5 mm, and parts which are not suited to tactile measurement, can be fully inspected with the RVP system. RVP also gives exceptional improvements in throughput and CMM capability by utilising the 5-axis motion and infinite positioning provided by the REVO-2 head.

The RVP system comprises a probe and a range of modules that are automatically interchangable with all other probe options available for REVO-2. Data from multiple sensors is automatically referenced to a common datum. This flexibility means that the optimum tool can be selected to inspect a wide range of features, all on one CMM platform.

When using RVP, part illumination is provided by integrated programmable LED lighting inside each module. Background feature enhancement is also available using backlighting combined with bespoke part fixturing..

The RVP system is managed by the same I++ DME compliant interface as REVO-2 and full user functionality is provided by Renishaw's MODUSTM metrology software. New MODUS vision software capability includes RVP configuration, image processing with application specific options and automatic image storage for review and further analysis.

From 5th – 10th October 2015 at EMO 2015, visitors will be able to see the new RVP system demonstrated by Renishaw in hall 5, stand D15.

For further information, visit www.renishaw.com/cmm.

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