*January 2018 – for immediate release Further information: Chris Pockett, +44 1453 524133*

**Renishaw launches enhanced probing system for CNC grinders**

Renishaw, a world-leading engineering technologies company, will launch the next generation of its MP250 strain gauge probing system for grinding machines at GrindTec 2018, Germany (14th – 17th March, hall 8, stand 8101).

Building upon the highly-effective and proven design of the original MP250 probe, the enhanced version features improved configurability options, allowing users to select ultra-robust or low latency operating modes – dependent on the application requirement.

Comprising the updated MP250 strain gauge probe and the new HSI-C interface, the system provides a high-speed, high-precision, touch-trigger solution for determining component geometry.

Equipped with RENGAGE™ technology, the system offers unbeatable 3D accuracy and repeatability – enabling reliable on-machine measurement. The probe’s ultra-low trigger force helps to eliminate surface and form damage, making it ideal for inspecting delicate workpieces. Engineered for harsh environments, its small form factor and robust design make the probe ideal for tool and cutter grinding applications.

**Application-focused configurations**

Enhancements to the MP250 probing system focus on improving performance by providing users with the flexibility to operate the probe in one of three modes: a highly vibration-resistant configuration; a low-latency configuration – should a fast probe response be required; the default configuration – for general use.

Using an M-code, users can temporarily set the probe to the highly vibration-resistant configuration – extremely useful when moving around the machine volume at fast feedrates with long or heavy styli arrangements – before reverting to the low-latency configuration for remarkably accurate component measurement using small approach distances (or to the default configuration for general usage).

**Reduced installation time**

User configuration of the upgraded MP250 is made possible by a new machine interface, the HSI-C. Featuring a proprietary electronics housing, the HSI-C is easily fitted onto a DIN rail in the machine cabinet – requiring minimal fitment time and effort.

For further information on the enhanced MP250, visit [www.renishaw.com/mp250](file:///C%3A%5CUsers%5Ckh136436%5CAppData%5CLocal%5CMicrosoft%5CWindows%5CINetCache%5CContent.Outlook%5CPA753TID%5Cwww.renishaw.com%5Cmp250)

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