*May 2019 – for immediate release Further information: Chris Pockett, +44 1453 524133*

**Renishaw extends family of robust and reliable tool setting solutions for turning and multi-task machining applications**

Global engineering technologies company, Renishaw, will launch the new APCS-45 tool setting probe at EMO Hannover 2019. Complementing the [APCA-45](https://www.renishaw.com/en/apca-45-tool-setting-probe--44312) launched earlier this year, the new APCS-45 features an alternative protective stylus cover mechanism, enabling fitment on machines with limited control options.

Engineered for the harshest machining environments found in lathes and multi-tasking machines, the new APCS-45 provides a robust, reliable and automated solution for setting a wide range of tools – such as turning, grooving, threading and boring tools.

With the demand for increased CNC machine productivity, the capability for automated, intelligent process control is key for modern manufacturers. Automation of tasks such as tool setting and breakage detection reduces the requirement for manual intervention and increases machine uptime.

The new APCS-45 tool setting probe enables manufacturers to implement automated tool measurement into turning and multi-task machining applications. These measurements can be used for initial tool setting, tool replacement cycles, tool wear, tool breakage and thermal growth monitoring.

A host of innovative design features, including a protective stylus cover, ensures the APCS-45 is built to survive the harshest machining environments. Unlike the APCA-45 which features a pneumatic drive to extend and retract the cover, on the APCS-45 the cover is retracted using a spring mechanism and therefore requires one less input on the CNC control. Other features include a compact stainless-steel body, an integrated air-bleed and an optional air-blast for tool cleaning.

To find out how the APCS-45 tool setting probe can help reduce scrap, improve quality and increase throughput, visit Renishaw at EMO Hannover 2019 (16th – 21st September, hall 6).

**-ENDS-**