**News from Renishaw**

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**Driving manufacturing innovation with Renishaw's advanced technology at NMW 2018**

At [National Manufacturing Week 2018](https://www.nationalmanufacturingweek.com.au/), Sydney Olympic Park, Australia, global engineering technologies company, Renishaw, is exhibiting its precision measurement and additive manufacturing solutions. From the 9th-11th May, the company will demonstrate its offering as a manufacturing partner, showcasing how its measurement technologies can be integrated into a manufacturing process to achieve intelligent machining.

On stand 1402, the company will demonstrate its [Equator™ flexible gauging system](http://www.renishaw.com/en/new-renishaw-equator-500-intelligent-process-control-for-larger-parts-with-all-the-benefits-of-the-proven-equator-300-gauging-system--43236), market-leading [metal additive manufacturing systems](http://www.renishaw.com/en/additive-manufacturing-products--17475), high-performance motion control solutions and more. Visitors will be able to experience first-hand how Renishaw’s solutions enable manufacturers to fully control production processes and boost productivity.

**Intelligent process control (IPC) software for Renishaw’s Equator gauging system**

The Renishaw Equator flexible gauge is now offered with IPC software, providing the functionality to fully automate tool offset updates in CNC manufacturing processes. Improved capability in precision part machining, reduced setting and process adjustment time, and integration with automation systems are some of the benefits that users can now expect.

Equator gauging systems have helped to improve yield and increase process capabilities of production lines around the world, by providing high accuracy dimensional inspection data next to turning and machining centres, at the point of manufacture. The new larger Equator 500 system now enables the gauging of larger parts, with a working volume of 500 mm in diameter and up to 400 mm in height.

Both Equator 300 and 500 systems are accurate between 5 ºC and 50 ºC at any rate of temperature change, and are capable of scanning speeds in excess of 200 mm/s. Every system is compatible with simple-to-use Organiser operator software, EZ-IO software for automation, and IPC software.

**Enhancing the additive manufacturing process chain**

Renishaw will exhibit its additive manufacturing software and systems for the production of metal parts. This includes the RenAM 500M system designed for serialised production, alongside demonstrations of QuantAM, the company's build preparation software. At the show, Renishaw will also highlight the productivity benefits of its new four-laser system, which offers increased productivity in the most commonly used machine platform size.

Visitors to National Manufacturing Week 2018 will also find out how metal additive manufacturing technology from Renishaw has helped a team of students from [Swinburne University of Technology in Melbourne](http://www.renishaw.com/en/renishaw-am-technology-helps-swinburne-electric-car-to-best-ever-formula-sae-result--42945), to achieve the University's highest ever overall score in the latest Formula SAE competition.

Renishaw experts at the stand will also discuss how the company’s wide range of measurement and high-performance motion control products help manufacturers gain more throughput from existing assets, increase machine automation, reduce manual intervention, reduce rework, concessions and scrap, and increase machine capabilities.

For further information visit [www.renishaw.com](http://www.renishaw.com)

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**About Renishaw**

Renishaw is one of the world's leading engineering and scientific technology companies, with expertise in precision measurement and healthcare. The company supplies products and services used in applications as diverse as jet engine and wind turbine manufacture, through to dentistry and brain surgery. It is also a world leader in the field of additive manufacturing (also referred to as metal 3D printing), where it designs and makes industrial machines which ‘print' parts from metal powder.

The Renishaw Group currently has more than 70 offices in 35 countries, with over 4,500 employees worldwide. Around 2,900 people are employed within the UK where the company carries out the majority of its research and development and its manufacturing.

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