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

**Renishaw presents world leading metal 3D printing systems optimized for manufacturing of dental devices**

Global engineering and healthcare technologies company, Renishaw, is attending LMT LABDAY, the largest dental laboratory event in North America. Renishaw will be exhibiting its world-leading metal additive manufacturing (AM) systems for the production of crowns and bridges and removable partial dentures (RPDs).

Optimised for healthcare, Renishaw’s AM systems use metal powder bed fusion to build complex dental frameworks from 3D computer-aided designs (CAD). The introduction of metal AM systems into the dental manufacturing process completes the digital workflow, bridging the gap in sophistication between advanced dental scanning technology and traditional casting techniques.

“Renishaw is selling more than just machines, we are selling a digital process that is more efficient than traditional manufacturing methods, with more reliable results,” says Renishaw’s Chris Dimery, Sales Manager for medical AM solutions.

Dental CAD files can be prepared for additive manufacturing using QuantAM Dental, Renishaw’s dedicated dental build preparation software. QuantAM Dental allows you to import, automatically orientate, heal, support, and review dental CAD files in preparation for manufacture. The software even adds identification tags to be 3D printed with the framework, making sure you never lose track.

Conversion to a digital workflow can bring benefits to both process and product. Working with Renishaw’s AM systems removes labour intensive steps from the process, saving time and increasing productivity. Moving away from traditional casting equipment improves working conditions and can lower manufacturing costs. The resulting products demonstrate consistently good quality, with measurably improved mechanical characteristics compared to casting.

The LMT LABDAY will be held at the Hyatt Regency, Chicago, from February 23rd-24th. The event is expected to host over 260 exhibitors and 3,700 laboratory owners, managers and technicians from 44 countries. To find out more about Renishaw’s AM systems for dental manufacturing, visit the Renishaw sales team on booth C-66 or visit www.renishaw.com/lmtlabday2018.

**About Renishaw**

UK-based Renishaw is a world leading engineering technologies company, supplying products used for applications as diverse as jet engine and wind turbine manufacture, through to facial reconstruction and neuro surgery. It has over 4,000 employees located in the 35 countries where it has wholly owned subsidiary operations.

For the year ended June 2017 Renishaw recorded sales of £536.8 million of which 95% was due to exports. The company’s largest markets are China, the USA, Japan and Germany.

Throughout its history Renishaw has made a significant commitment to research and development, with historically between 14 and 18% of annual sales invested in R&D and engineering. The majority of this R&D and manufacturing of the company’s products is carried out in the UK.

The Company’s success has been recognised with numerous international awards, including eighteen Queen’s Awards recognising achievements in technology, export and innovation.

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

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