*September 2019*

**Introducing Renishaw’s new Virsa Raman Analyser**

The Virsa Raman Analyser is a versatile, fibre-optic-coupled Raman spectroscopy system designed for reliable, detailed remote analysis. It enables the expansion of applications of Raman spectroscopy to a new range of samples and environments beyond the confines of a laboratory Raman microscope.

**The power of laboratory Raman, wherever you need it**

The versatile system offers several options so that users can customise their system to fit their needs. The Virsa Raman Analyser system includes a spectrometer with one or two internal lasers – the dual excitation option enables the user to avoid fluorescence by switching between wavelengths at the touch of a button. Users also have a choice of Video Fibre Probes (VFPs) – the VFP10 for general and bulk sampling and/or the VFP20C for high spatial-resolution confocal measurements. Renishaw-supplied VFPs can be used separately or stacked to share a common objective lens to enable concurrent analyses at different laser wavelengths.

The Virsa Raman Analyser also has a modest footprint. It can be used on a benchtop or mounted in an industry standard 19” rack providing a transportable option, not currently offered by Renishaw’s existing product range.

David Reece, Marketing Manager at Renishaw’s Spectroscopy Products Division said “Using our expertise of over 20 years designing and building high-performance Raman systems we have developed the Virsa Raman Analyser to expand the application of Raman beyond the traditional laboratory-based microscope systems. We see huge potential in the adoption of Raman in a wide range of diverse applications which will be enabled by the flexible nature of a fibre-based system.”

**Furthering potential**

The Virsa Raman Analyser supports a range of third-party probes. It can also be integrated with third-party systems, enabling users to analyse samples using two or more techniques at the same time without having to transfer them between instruments. Additional sampling options are also available, including the SB100 three-axis probe positioner, immersion probes and macro sampling kits.

Find out more about the Renishaw Virsa Raman Analyser by visiting [www.renishaw.com/virsa](http://www.renishaw.com/virsa).

For more information please visit www.renishaw.com/virsa or speak to your local representative.

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**Notes to editors**

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 dentistry and brain surgery. It has 5,000 employees located in the 36 countries where it has wholly owned subsidiary operations.

For the year ended June 2019 Renishaw recorded sales of £574 million of which 94% was due to exports. The company’s largest markets are the USA, China, Japan and Germany.

Throughout its history Renishaw has made a significant commitment to research and development, with historically between 13 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.

Further information at [www.renishaw.com](https://renishawplc-my.sharepoint.com/personal/lp138190_renishaw_com/Documents/www.renishaw.com)

### **For further information**

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