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Vision Engineering wins Productronica Innovation Award 2019 for ground-breaking digital 3D display technology

New Milford, Connecticut: Vision Engineering, a leading manufacturer of high-quality visual inspection and measurement technologies, has been awarded the productronica Innovation Award, for its state-of-the-art 3D visualization product: The DRV-Z1.



The Productronica Innovation Award 2019 is the third annual award which honors the best innovative new products and manufacturing techniques across six categories. Vision Engineering's DRV-Z1 was chosen by a panel of experts to win the Inspection & Quality Cluster award, for demonstrating significant technical development and cutting edge technical integration, efficiency advertising design.

The Deep Reality Viewer (DRV) is a world-first technology which produces high-resolution 3-dimensional stereo images without the need for a monitor, headset or glasses. Essentially, images "float" in front of a viewing mirror for the user.

Based on this new technology, the digital 3D viewing system, DRV-Z1, was developed as a microscope version with stereo zoom. It was created specifically for inspection and manufacturing applications and combines the advantages of optical stereomicroscopy and digital technology in one system. The DRV-Z1 provides users a natural 3D view with full HD resolution and excellent object sharpness, enabling improved inspection quality.

Additionally, the DRV-Z1 comes equipped with real time digital connectivity, making it possible to share 3D images with distant colleagues driving productivity and opening new opportunities for collaboration.

ergonomic stereo microscopes • digital inspection systems • optical & video measuring systems • custom optics • product design & manufacture

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Mark Curtis, Managing Director, Vision Engineering comments:

“We are thrilled to see that, this year, our ground-breaking technological accomplishment in the DRV-Z1 has been awarded with one of the industry’s most respected and renowned awards.

“The ability to share high definition, three-dimensional images with the DRV-Z1, has already been hugely beneficial to a range of different industries. General feedback from customers is that the DRV-Z1 improves accuracy, quality and control, and general workplace efficiency across the board, and we are excited about the opportunity to apply and developed this technology in key industries such as healthcare, manufacturing and the automotive sector.”

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About Vision Engineering Limited

Vision Engineering Ltd is a global leading-edge manufacturer of patented ergonomic stereo microscopes, digital microscopes and non-contact measuring systems.

25 years ago, Vision Engineering introduced the world’s first ‘eyepiece-less’ stereo microscope, the Mantis. It was an ergonomic revolution that went on to win numerous design and innovation awards. Company headquarters are based in Send, Woking, UK, with manufacturing facilities in the UK and US. Regional offices are located throughout North America, Europe and Asia.

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