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## Vision Engineering Celebrates 30 Years of Mantis



New Milford, CT (5/24/2024): Vision Engineering, the world-leading provider of innovative inspection, metrology, and digital 3D visualization solutions, is celebrating the 30th anniversary of its best-selling and award-winning Mantis range of ergonomic optical stereo microscopes.

In 1994, Vision Engineering revolutionized the field of microscopy by introducing the first-ever 'eyepiece-less' stereo microscope, Mantis. This innovative instrument was meticulously crafted to bridge the gap between a bench magnifier and a traditional microscope, offering users an unparalleled ergonomic experience.

Its pioneering design not only earned Mantis widespread acclaim but also secured numerous esteemed design and innovation awards. As a result, Mantis quickly established itself as the industry standard for high-performance ergonomic stereo magnification, redefining precision and user comfort in industrial microscopy applications within the electronics, medical device, aerospace and automotive industries.

In 2005, Vision Engineering unveiled the second generation of Mantis. Soon after its introduction, Mantis manufacturing moved from the United Kingdom to New Milford, CT USA. This iteration featured notable enhancements, such as a sleek and modern design, improved LED lighting, an expanded field of view, increased magnification capabilities of up to 20x, and stand and accessory options. In 2009, Vision Engineering expanded the Mantis range by introducing the Mantis Elite HD Cam with a built-in camera for image capture.

The third generation Mantis was introduced in June 2023. The newest edition includes improved optics for both hand-to-eye coordination and excellent depth perception, a 3-position turret to house up to 3 objectives ranging from 3x to 15x, an 8x super long working distance lens, and five different illumination options providing flexibility to optimize the lighting to view the perfect image. The Mantis PIXO offers an improved, higher-resolution image and video camera. The system also features an option to switch between white and UV light.

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

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Mantis is designed for precision engineering, electronic engineering, medical device manufacture, and a wide range of other applications that require high-quality images and superior ergonomics and is used in tens of thousands of R&D, manufacturing, and analytical sites worldwide.

For more information, please visit <https://www.visioneng.us/mantis>.

### About Vision Engineering Limited

Vision Engineering Ltd is a global leading-edge designer and manufacturer of patented ergonomic stereo optical and digital instruments, used for inspection, manipulation, measurement, and analysis of manufactured parts, by most of the world's leading manufacturers and their extended supply chains.

Vision Engineering's contract manufacturing division offers comprehensive contract manufacturing, design, and commercialization packages, giving customers access to the latest technology, as well as a team of experienced designers and engineers.

Founded in 1958 and wholly British-owned, Vision Engineering's Global HQ, design, and manufacturing facilities are based in state-of-the-art modern premises in Woking, Surrey, UK, with extensive manufacturing facilities in the UK and the US. Regional sales and tech support offices are located throughout North America, Europe, and Asia, supported by a fully trained network of distributors.

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