

WPI Vision Brings a New Dimension of Accuracy & Speed to Inspection at APEX 2023

Sarasota Florida – December 2022 – WPI Vision, a division of World Precision Instruments, today announced plans to exhibit at the 2023 IPC APEX EXPO, scheduled to take place Jan. 24-26, 2023 at the San Diego Convention Center in California. The company will showcase its 3D SPECTASCOPE Enhanced Reality Microscope in Booth #3315

The new 3D SPECTASCOPE brings a new dimension of accuracy and speed to electronic assembly and inspection throughout the PCBA Industry. With a range of new patent-pending technologies, 3D SPECTASCOPE sets a new precedent for workstation throughput.

Moving away from the traditional models of using multiple microscopes, the state-of-the-art 3D SpectaSCOPE is a fully digital, three-dimensional viewer. It offers a variable working distance, wide panning, large depth of field and self-focusing zoom to help decrease time spent in the assembly and inspection process and increase the accuracy of your circuit board assembly.

For the first time, the 3D SPECTASCOPE has increased return on investment (ROI) by solving some of the problems in the PCBA process. With patent-pending technology and intuitive copyrighted software, the 3D SpectaSCOPE inspection microscope utilizes enhanced reality screen technology with high resolution cameras.

The ergonomic 3D inspection microscope features an incredible working distance of 300 mm, automatic self-focusing, integrated image capture and true 3-dimensional viewing. The 3D SpectaSCOPE lets users increase throughput while achieving greater accuracy at the highest detail. The 3D SpectaSCOPE is optimal for rework, through-hole assembly and inspections, and it is available in multiple configurations.

Reduce time and errors and increase ROI by adding the 3D SpectaSCOPE into your inspection process. Available with a free 14-day try before you buy, 3D SPECTASCOPE can be tested out to prove its effectiveness on your inspection bench. For more information, visit www.wpiinc.com/vision.

About WPI Vision and 3D SPECTASCOPE

The genesis of 3D SpectaSCOPE was driven by the engineers at WPI to solve some of the persistent problems in the production process and inspection in the PCBA industry. A byproduct of the bio-medical and research industry, 3D SpectaSCOPE is available for immediate FREE trials at www.wpiinc.com/vision.

WPI Vision is in the business of enriching the stereo microscopic process using patent pending technology to provide a superior user experience when compared with any other product at its price point. By leveraging advances in displays, CMOS sensors and processing power, WPIV is redefining how microscopic needs and problems are met and answered. WPI Vision is a wholly owned subsidiary of World Precision Instrument. Founded in 1967, WPI is a world leader in research laboratory product design and manufacturing with offices around the globe.

3D SPECTASCOPE is designed and manufactured in Sarasota, Florida, USA.

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For more information on 3D SpectaSCOPE: www.wpiinc.com/vision