



## CyberOptics Demonstrates New MRS-Enabled AOI, SPI and CMM Solutions at productronica Germany

*Systems Incorporate Best-in-Class Proprietary Multi-Reflection Suppression (MRS) Sensor Technology*

**Minneapolis, Minnesota — October 2017 —** [CyberOptics® Corporation](#) (NASDAQ: CYBE), a leading global developer and manufacturer of high-precision 3D sensing technology solutions, will demonstrate the SQ3000™-DD 3D Automated Optical Inspection (AOI) system with the new Ultra-High Resolution Multiple-Reflection Suppression (MRS) Sensors in Hall A2, Stand 439 at productronica 2017, scheduled to take place Nov. 14 – 17, 2017 at the Messe München, in Germany. The company also will unveil the new SE3000™ 3D SPI and SQ3000™ 3D CMM, both powered by MRS technology.

The new SQ3000-DD 3D AOI dual lane, dual sensor system maximizes flexibility catering to varying PCB widths. This unique design provides the ability to inspect high volume assemblies, the convenience of inspecting different assemblies and board sizes simultaneously on different lanes, or even switching from dual lane to single lane mode to inspect very large boards.

Not only does the SQ3000-DD provide the PCB inspection flexibility, it also provides the flexibility to choose two of the same or two different proprietary MRS sensors, both of which meticulously identify and reject multiple reflections caused by shiny components and reflective solder joints.

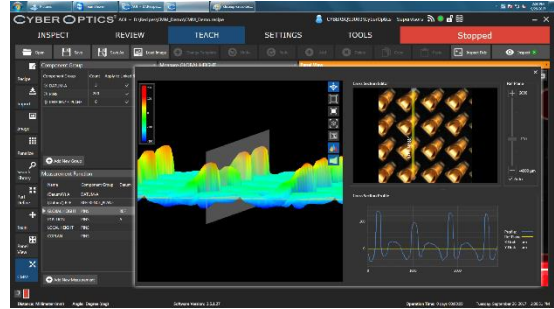


The new Ultra-High Resolution MRS sensor option provides an even finer resolution than the standard, delivering superior inspection performance ideally suited for 0201 metric and microelectronics applications where an even greater degree of accuracy and inspection reliability is critical. The unique architecture of both MRS sensor options simultaneously captures and transmits multiple images in parallel, while highly sophisticated 3D fusing algorithms merge the images together, delivering microscopic image quality at production speed.

The new SE3000™ SPI system is the very first SPI system to incorporate the industry-leading MRS sensor technology with a finer resolution for the best accuracy, repeatability and reproducibility – even on the smallest paste deposits. Combined with the award-winning, easy-to-use software, solder paste inspection has reached a new level of precision for the most stringent requirements.

“We’ve incorporated our MRS sensor technology into multiple platforms for AOI, SPI and CMM,” said Dr. Subodh Kulkarni, President and CEO, CyberOptics, “Providing our customers with the best combination of accuracy, speed and ease-of-use to maximize their yields and productivity.”

The new SQ3000 3D CMM (Coordinate Measurement) system, powered by Multi-Reflection Suppression (MRS) technology utilizes CyberCMM™, a new comprehensive software suite for coordinate measurement. In a lab or production environment, the MRS-enabled SQ3000 CMM system is extremely fast and highly accurate, with repeatable and reproducible measurements for metrology applications in manufacturing of a wide variety of products such as PCBs, semiconductors and consumer electronics.



CyberCMM™, an extensive suite of CMM tools, provides 100 percent metrology-grade measurement on all critical points much faster than a traditional CMM, including coplanarity, distance, height and datum X, Y, to name a few. A fast and easy setup can be performed as compared to a slow, engineering resource-intensive setup that typically requires multiple adjustments with traditional CMMs.

For more information, visit [www.cyberoptics.com](http://www.cyberoptics.com).

### **About CyberOptics**

CyberOptics Corporation (NASDAQ: CYBE) is a leading global developer and manufacturer of high precision sensing technology solutions. CyberOptics sensors are being used in general purpose metrology and 3D scanning, surface mount technology (SMT) and semiconductor markets to significantly improve yields and productivity. By leveraging its leading edge technologies, the company has strategically established itself as a global leader in high precision 3D sensors, allowing CyberOptics to further increase its penetration of its key vertical markets. Headquartered in Minneapolis, Minnesota, CyberOptics conducts worldwide operations through its facilities in North America, Asia and Europe.

Statements regarding the Company's anticipated performance are forward-looking and therefore involve risks and uncertainties, including but not limited to: market conditions in the global SMT and semiconductor capital equipment industries; the timing of orders and shipments of our products, particularly our 3D MRS-enabled AOI systems; increasing price competition and price pressure on our product sales, particularly our SMT systems; the level of orders from our OEM customers; the availability of parts required to meet customer orders; unanticipated product development challenges; the effect of world events on our sales, the majority of which are from foreign customers; rapid changes in technology in the electronics markets; product introductions and pricing by our competitors; the success of our 3D technology initiatives; the success of CyberGage360; and other factors set forth in the Company's filings with the Securities and Exchange Commission.

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