

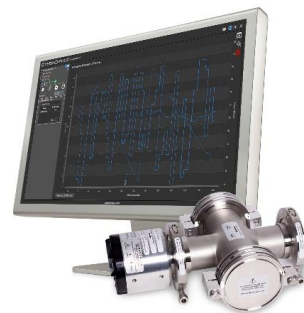


CyberOptics Demonstrates New In-Line Particle Sensor™ (IPS) and Auto Resistance Sensor™ (ARS) at SEMICON China

IPS saves time, saves expense and improves yields in semiconductor fabs

Minneapolis, Minnesota — June 2020 — [CyberOptics® Corporation](#) (NASDAQ: CYBE), a leading global developer and manufacturer of high-precision 3D sensing technology solutions, will exhibit at SEMICON China from June 27-29, 2020 at the Shanghai New International Expo Center, booth #5170. During the show, the company will feature its new In-Line Particle Sensor (IPS) and Auto Resistance Sensor (ARS) for semiconductor tool set-up and equipment diagnostics.

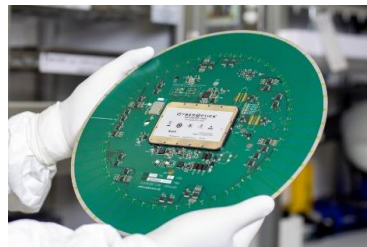
An extension of the industry-leading WaferSense® and ReticleSense® Airborne Particle Sensor (APS) technology that is documented by fabs as the Best Known Method (BKM), the new In-Line Particle Sensor (IPS) with CyberSpectrum™ software detects particles in gas and vacuum lines 24/7 in semiconductor process equipment. The IPS quickly identifies monitors and enables troubleshooting of particles down to 0.1µm.



The IPS can be installed in any gas or vacuum system, and is particularly relevant for EUVL tools where the ability to monitor particles in-line can significantly improve EUVL tool yield and productivity. For example, it can be installed at the vacuum line in between the EUV process chamber and the vacuum pump, saving significant time compared to current methods of sending a monitor dummy reticle into the EUV system to check for particles before and after sending the reticle into the EUVL. The IPS is always on and collecting particle data, which is especially critical during chamber purging.

Process and equipment engineers in semiconductor fabs can speed equipment qualification with real-time, 24-7 monitoring, compare past and present data, as well as one tool to another. Contamination sources can be identified quickly and the effects of cleaning, adjustments and repairs can be seen in real-time. Fabs can shorten equipment maintenance cycles, lower equipment expenses and optimize preventative maintenance plans.

CyberOptics will also demonstrate its new WaferSense® Auto Resistance Sensor™ (ARS) with CyberSpectrum™ software for semiconductor tool set-up and diagnostics. The 300mm Auto Resistance Sensor (ARS) with CyberSpectrum software enables real-time resistance measurements of plating cell contacts in semiconductor Electrochemical Deposition (ECD) applications. The ARS quickly identifies and monitors resistance measurements with 50 separate pads around the perimeter utilizing a Kelvin Sensing (4-wire resistance) method to detect residue affecting plating pins.



Process and equipment engineers in semiconductor fabs can predict when a tool needs maintenance with quantitative analysis of measured mean resistance over time, shorten equipment maintenance cycles, and improve cell-to-cell uniformity with the wafer-like, 4-wire resistance sensor and CyberSpectrum software's objective and repeatable data.

For more information, visit www.cyberoptics.com.

About CyberOptics

CyberOptics Corporation (www.cyberoptics.com) is a leading global developer and manufacturer of high-precision 3D sensing technology solutions. CyberOptics' sensors are used for inspection and metrology in the 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 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: a possible world-wide recession or depression resulting from the economic consequences of the Covid-19 pandemic; the negative effect on our revenue and operating results of the Covid-19 crises on our customers and suppliers and the global supply chain; market conditions in the global SMT and semiconductor capital equipment industries; trade relations between the United States and other countries; the timing of orders and shipments of our products, particularly our 3D MRS-enabled SQ3000 Multi-Function systems and MX systems for memory module inspection; 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 and semiconductor markets; product introductions and pricing by our competitors; the success of our 3D technology initiatives; the market acceptance of our SQ3000 Multi-Function inspection and measurement systems and products for semiconductor advanced packaging inspection and metrology; costly and time consuming litigation with third parties related to intellectual property infringement; the negative impact on our customers and suppliers due to past and future terrorist threats and attacks and any acts of war; and other factors set forth in the Company's filings with the Securities and Exchange Commission.

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