

A light gray world map is visible in the background, centered behind the main text.

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AOI/SPI&3D Scanning

SMT America

CYBER OPTICS®

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EXPECTATIONS
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[Menu](#)

- High precision sensors
- AOI
- SPI
- 3D Scanning



Precision



Speed



Dual lane



CyberOptics is a global leader in SPI equipment used to monitor and control one of the most crucial steps affecting the finished quality of PCBs



- Ultimate precision accuracy
- Solder Paste Inspection
- Versatile and Robust

- Dual illumination sensor
- Enables unrivaled GR&R (gauge repeatability and reproducibility) up to 180cm²/sec



- Ultimate precision accuracy
- Solder Paste Inspection
- Versatile and Robust

- High-Speed single illumination sensor
- All-in-one scan
- On the fly measurement at 210cm²/sec



- Ultimate precision accuracy
- Solder Paste Inspection
- Versatile and Robust

- Large Board Available
- High-speed single illumination sensor
- Inspection speed up to 80cm²/sec



- Designed and built by CyberOptics for faster and more accurate performance
- No moving parts – No drift – No recalibration – Highest reliability
- Pads as small as 100 microns
- Interchangeable sensors
- On-the-fly inspection uses white strobe light – minimal diffusion

- True Height Volume Measurement



2D AOI



DL AOI



3D AOI



CyberOptics is a global leader in 3D and 2D AOI equipment, using proprietary technology provides state-of-the-art solutions for the most demanding applications to users around the world



- Ultimate speed
- Automated Optical Inspection
- Versatile and Robust

- MRS (Multi-Reflection-Suppression) sensor
- Delivers metrology grade accuracy at production speed



- Ultimate speed
- Automated Optical Inspection
- Versatile and Robust

- Dual Lane and Large Board
- MRS Technology



- Ultimate speed
- Automated Optical Inspection
- Versatile and Robust

- Ultra fast & Ultra versatile
- SIM (Strobe Inspection Module)
- High performance at 200cm²/sec
- 80/150 Mega Pixel Sensor



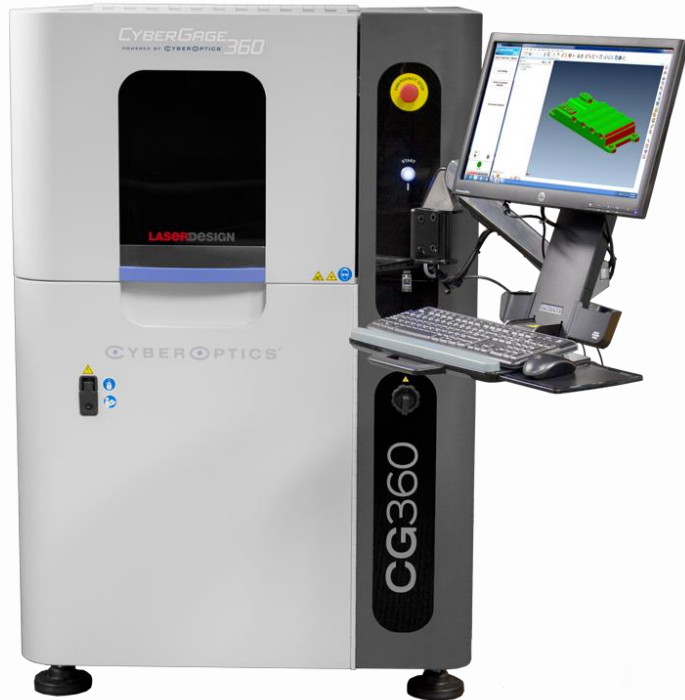
- Designed and built by CyberOptics for faster and more accurate performance
- No moving parts – No drift – No recalibration – Highest reliability
- SIM (Strobe Inspection Module)
- MRS (Multi Reflection Suppression)



- Award winning intuitive software enables exceptional usability
- Closed Loop/APC feed fwd ready
- Optimize printing process via correcting the data of shifted solder
- Increase thruput and reduce rework

- Minimize operator interaction with intuitive software
- Simplicity of use and programming
- Multi touch and 3D image visualization tools
- A draw box, a few good examples and you are ready to go!

- Industry 4.0 READY!



CyberGage

- Non-contact
- Fully automated
- Non-destructive
- 3D Scanning
- Unprecedented technology



CyberGage

- Full 360° 3D scan report in less than 3 minutes
- One button automation
- High precision accuracy to 7 microns
- Non-contact fixtureless design

- Unprecedented technology

