

## Inspect Your Assembly from Start to Finish: Mek to Present Advanced AOI Solutions at IPC APEX 2026



Mek (Marantz Electronics), a leading supplier of Automated Optical Inspection (AOI) and Solder Paste Inspection (SPI) systems, will be exhibiting at **IPC APEX EXPO 2026, Booth 1614**, March 17–19. Engineers and manufacturers will have the opportunity to see Mek’s latest inspection technologies in action, demonstrating how high-density, high-mix production can be monitored more efficiently and accurately.

At the center of the booth is Mek’s flagship [ISO-Spector M2 full 3D AOI](#). The system combines multi-angle 3D imaging, Moiré fringe projection, and telecentric optics to capture height, volume, and solder quality. Using AI-assisted programming through EZPro, the M2 can detect defects from hundreds of parameters while giving operators full control to refine inspection criteria. Programs can be prepared offline from CAD and Gerber data or updated instantly once production begins, reducing downtime and keeping lines running smoothly.

Alongside the M2, visitors will see how Mek addresses a range of inspection challenges across the production line. The [SpectorBOX X1](#) demonstrates precise 3D inspection for complex through-hole assemblies. The [VeriSpector](#) provides fast, reliable assembly station inspection of SMT boards before they move to the next process, checking for missing parts, polarity errors, and other common assembly issues. For compact spaces or offline applications, the [PowerSpector JSAz550](#) provides high-precision inspection without compromising accuracy. Together, these systems illustrate how engineers can apply Mek solutions to different inspection tasks while maintaining consistent quality and traceable results.

At IPC APEX, Mek will demonstrate how its AOI technologies can inspect your assembly from start to finish, supporting every step of the manufacturing process. From the ISO-Spector M2

to modular, inline, and desktop systems, the solutions help manufacturers reduce downtime, increase accuracy, and maintain consistent quality across every stage of production.

For more information on Mek's AOI solutions, visit [www.marantz-electronics.com](http://www.marantz-electronics.com).

**About Mek:**

A former division of Marantz well known for its high quality Audio/Video products, Mek is a leading supplier of Automatic Optical Inspection equipment for advanced PCB inspection, test and measurement. Our broad range comprises 3D AOI systems, Through Hole or THT AOI, Modular AOI, Double Sided AOI and Solder Paste Inspection systems (SPI). Mek has over 10,000 AOI machines supporting the global electronics assembly industry.

[www.marantz-electronics.com](http://www.marantz-electronics.com)

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