

NEWS UPDATE

For Release January 24, 2018

Press Contact: George Babka
Sales General Manager
Tel. (619) 276-4393 (office)
E-mail: george_babka@yamaha-motor.com;

IPC/APEX Booth #2333

YAMAHA's New YSi-SP High-speed 3D Solder Paste Inspection (SPI) Launched

Providing an integrated solution from the Printer to AOI

Kennesaw, Georgia, USA – Yamaha Motor Corporation, USA IM is proud to announce the launch of the YSi-SP, a high-speed 3D solder paste inspection (SPI) machine that enables high-speed, high-accuracy inspection based on YAMAHA's 1-head solution concept for using a single type of head to handle multiple inspections. The YSi-SP was introduced at this year's 47th Internecon show in Tokyo Japan. It will be available starting from April 1st in Japan with its Americas release in early summer.

The YSi-SP is Yamaha's first solder paste inspection (SPI) machine. It is used to inspect the print quality (volume, height, area, misalignment) of solder paste after it has been printed onto a PCB.

YSi-SP can accommodate various high-speed and high-accuracy solder paste inspections with a single head, including high-precision inspections. It does this by employing a Yamaha-exclusive algorithm combining 2D and 3D-based measurements, and image resolution switch-over enabled by high resolution technology.

Integration and coordination with other Yamaha production machines is swift and efficient, including performing automatic setup changes, automatically adjusting solder misalignment, and automatically converting adhesive inspection data from the dispenser.

While offering Statistical Process Control (SPC) to perform a wide range of statistical processing, the YSi-SP can also be equipped with various optional features, including bonding inspection and foreign matter inspection.



The launch of the YSi-SP enables YAMAHA to supply all of the primary machines required for component mounting processes under the Yamaha brand, from printers and dispensers to solder inspection machines, including surface mounters and automated optical inspection (AOI) machines. With all the machinery fully integrated, customers are able to build a production line with optimal efficiency and quality product.

To find out more, visit the Yamaha booth #2333 at APEX, or visit www.yamaha-motor-im.com. Contact George Babka at Yamaha Motor Corporation, USA tel. + 619.301.5802; E-mail: george_babka@yamaha-motor.com.

About Yamaha Motor Intelligent Machinery

Yamaha Motor Corporation, USA IM is a subdivision of Yamaha Motor Corporation, and has employed its core technologies in the areas of servo-motor control and image recognition technology for vision (camera) systems to develop solder paste printers, printed circuit board inspection machines, flip chip hybrid placers and dispensers. Yamaha Motor Corporation USA offers a full line of machines for electric/electronic parts mounting and other production-line solutions to answer the diversifying needs of today's electronics manufacturers. Yamaha Motor Corporation, USA has sales and service offices in Japan, China, Southeast Asia, Europe and North America, providing a truly global sales and service network, delivering best in class on-site sales and service support for their customers.

#####