

Vi TECHNOLOGY presents the new NEO platform for K series 3D AOI at Productronica

At Productronica, Vi TECHNOLOGY exhibits the new NEO platform for the K series 3D AOI. The new design embeds a machine learning based technology that drastically reduces the programming time while maintaining the high level of performance and flexibility for which it is renowned.

The machine has been redesigned to better reflect the quality and innovation of the technologies it incorporates, clearly affirming its belonging to Mycronic's MYPro Line concept designed to enable the smart factory.

2x faster programming

Based on a customer-centric approach, the goal is to optimize the return on investment of the inspection equipment by reducing total cost of operation and by increasing the value created for the customers. This has led to innovative solutions accelerating the programming time by a factor of 2.

Machine Learning inside

New algorithms based on Machine Learning technology, a subset of Artificial Intelligence, aim at automating programming tasks through autonomous component recognition and assisted model creation. In practice, it will only take a few clicks to program the inspection of a completely new board containing hundreds or thousands of components.

Unrivalled reliability and flexibility

By combining its latest high-speed laser 3D scanning head with the new smart scene analysis algorithm, the inspection time is up to 50% faster than on previous generation. The test coverage has been extended with the detection of foreign materials, a component overhang test according to IPC requirements, and a new powerful optical character verification algorithm. These new features complement a toolbox already popular for its efficiency and versatility, such as the inspection of odd-shaped exotic components, like custom connectors, or the advanced metrological tool for distance measurement with micrometer precision.



To get a demo of the new K3D AOI platform visit Mycronic's booth, hall A3 #341.

The new software features will be available from Q1 2020, also available as upgrades for current K series models. The NEO hardware platform will be commercially available from Q3 2020.

Vi TECHNOLOGY contact:

Yan Manissadjian
Product Marketing
+33 669 659 645
ymanissadjian@vitechnology.com

About Vi TECHNOLOGY

Based in France in the Grenoble area, Vi TECHNOLOGY is a pioneer in AOI and SPI 3D systems, providing solutions used worldwide since the mid-1990s. Its equipment is operated by leading manufacturers in the aerospace, industrial, automotive and consumer electronics sectors, known for their high-quality standards, regardless of production volume and mix. Vi TECHNOLOGY's inspection solutions offer a unique, precise and scalable integrated architecture. As a member of the Mycronic group, Vi TECHNOLOGY's range of inspection equipment ideally complements the Mycronic 4.0 intelligent factory. For more information, visit our website: www.vitechnology.com

**About Mycronic**

Mycronic AB is a Swedish high-tech company engaged in the development, manufacture and marketing of production equipment with high precision and flexibility requirements for the electronics industry. Mycronic headquarters are located in Täby, north of Stockholm and the Group has subsidiaries in China, France, Germany, Japan, Singapore, South Korea, the Netherlands, United Kingdom and the United States. Mycronic AB (publ) is listed on NASDAQ Stockholm. www.mycronic.com