

Press Release



New Dual-Track 3D AOI for Extra Speed and Versatility

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Dual-Track for Extra Speed and Versatility Award-winning 3D AOI S3088 DT from Viscom launched in South East Asia

Shanghai, August 2019 – Nepcon Asia, Viscom booth 1#G45
At the upcoming Nepcon Asia show in Shenzhen, Viscom will highlight their powerful 3D AOI system S3088 DT that has been specifically developed for high-volume dual-track applications with the highest degree of flexibility in mind. With a choice of different sensor technologies and adjustable track widths the DT is configurable to demand and guarantees the highest throughput and inspection quality in the most demanding production environments.

Dual-track for extra speed and versatility

Building on the well-established Viscom core technologies and incorporating the latest smart and cross-linked software solutions, the new S3088 DT has already become an industry favorite since its first market introduction.

Based on the cutting edge Viscom XM camera technology the S3088 DT can flexibly be configured with a variety of different sensor technologies for Conformal Coating (CCI), Solder Paste (SPI) or Underfill Inspection (UFI). The system flexibly adjusts to varying track widths and can also be efficiently utilized in single-track mode featuring the added value of inspection of large PCBs with sizes up to 450 mm x 655 mm.

At the same time the footprint of the machine has been optimized. The monitor has ergonomically been integrated into the housing which makes this system a favorite in dense production environments.

The S3088 DT comes with an orthogonal resolution of 10 $\mu\text{m}/\text{pixel}$ in standard configuration which ensures that even the most challenging components like 03015 can reliably be inspected. And that at an impressive speed of 65 cm^2/s which is facilitated by a 50 mm by 50 mm field of view.

The S3088 DT is designed to connect to all Industry 4.0 and smart production interfaces within the line and is engineered in view of future AI and Big Data applications. It comes with a whole array of new intelligent and interconnected software tools facilitating full line integration and smart statistical process control conveniently even by your smartphone.



Smart factory applications for maximum inspection quality

Efficiently interconnected within the production line all Viscom inspection systems at display are designed to deliver the highest throughput while maintaining the best 3D image quality and maximum first-pass yield. Viscom's smart inspection tools ensure the seamless integration within the line, full traceability and thus continuous process and quality improvement. With the powerful Viscom Quality Uplink feature inspection data from different inspection gates along the line is automatically linked for analysis and can be exchanged effortlessly even with third party systems via the Viscom Open Interface 4.0.

At the Nepcon show, visitors are invited to experience the entire line-up of Viscom inspection systems ranging from manual to fully automatic 3D AOI and 3D AXI systems. Reduce false calls, increase first-pass yield – the Viscom experts are able to advise customers about smart factory applications and how they can be utilized to lead to overall inspection quality and process optimization.

About Viscom

Viscom AG develops, manufactures and sells high-quality inspection systems. The portfolio encompasses the complete bandwidth of optical and X-ray inspections. In the area of assembly inspection for electronics manufacturing, the company is among the leading suppliers worldwide. Viscom systems can be configured specifically to the customer and can be interlinked. The company headquarters and manufacturing location is in Hanover, Germany. With a wide network of branches, applications centers, service support points and representatives, Viscom is represented internationally. Founded in 1984, since 2006 Viscom has been listed on the Frankfurt Stock Exchange (ISIN: DE0007846867). For additional information: www.viscom.com