

Press Release

The new S3088 *ultra gold*—the best of the best 3D AOI systems

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Viscom today announced to introduce a new variant of its successful S3088 *ultra* 3D AOI system, at SMT in Nuremberg. The S3088 *ultra gold* reaches image data rates of up to 3.6 gigapixels per second. The core of this system is the innovative high performance camera module XMplus with its outstanding, high throughput camera technology.

As one of the leading manufacturers of high quality solutions for optical and X-ray inspections in electronics manufacturing, Viscom is constantly driving new innovations. The new S3088 *ultra gold* 3D AOI system will be demonstrated at SMT Hybrid Packaging 2016, scheduled to take place from April 26 to 28 in Nuremberg. This variant is a further development of the successful, and still available, S3088 *ultra*. It features an impressive, individually configurable design, that can cover the varying requirements from small series production to high-volume-low-mix manufacturing. Now the top variant S3088 *ultra gold* joins this series as a further option.

The central innovation is the 3D camera module XMplus with more than 120 megapixels. This option equips the S3088 *ultra gold* with an AOI camera system designed for one purpose: high performance. The image data rate is up to 3.6 gigapixels per second. In short, it takes everything the standard Viscom XM camera module offers and doubles it. The ideal relationship of high throughput and high resolution featured by this system has yet to meet its peer. The S3088 *ultra gold* also boasts an image field size of 50 x 50 mm and inspection speeds up to 65 cm²/s.

All variants of the S3088 *ultra* 3D AOI systems work with an integrated structured light projector. Fields of view from up to nine perspectives enable exact 3D analyses, with which lifted leads, chip coplanarity and many other critical defects are reliably detected. This also applies to 03015

components. The practical touchscreen operation and design for both vVision and EasyPro inspection software are additional features among all of the variants. The high-speed printed circuit board transport, known as Viscom FastFlow Handling, also is well-proven and therefore continuously integrated. With a width of just under one meter and a depth just over 1.5 meters, the compact dimensions of the S3088 *ultra gold* are the same as of the S3088 *ultra*.

Image caption: The 3D AOI system S3088 *ultra gold* from Viscom convinces with ultra-modern high performance camera technology and the highest throughput.

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 specific 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