

## Press Release

### **3D square: Powerful 3D X-ray inspection and 3D AOI with the Viscom X7056 FPD**

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**Viscom is one of the leading manufacturers of systems for optical and X-ray inspections. Currently, the company is equipping its successful X7056 system for automatic 3D in-line X-ray inspection with flat panel detectors. For combined AXI/AOI inspection, the system can also be assembled with an AOI unit and the high-performance module XM 3D. With these features, Viscom offers a one-of-a-kind inspection concept and the optimum X-ray inspection for high-end applications: 3D square.**

For many years, Viscom has been known as the leading manufacturer of AOI systems for assembly inspection. Since the mid-90s, the company has also offered first-class systems for X-ray inspection – and was the first supplier in the world to offer a combined AOI/AXI inspection. Over the past several decades, the X-ray portfolio has continued to grow and by now is in every way the equal of the AOI range. The product palette extends from the automatic 3D in-line X-ray inspection through AXI/AOI combination systems and both manual and automatic off-line solutions, right up to proprietary computed tomography for 3D visualization. All in all, the entire bandwidth of inspection demands for electronics manufacturing could not be better covered.

The inspection system X7056 was developed for powerful and versatile 3D X-ray analysis, where the highest precision and inspection depth is at a premium. This innovative inspection concept enables any view of the inspection object to be realized and so guarantees versatile adaptation of the 3D image quality to the widest range of inspection requirements.

The high-quality flat panel detector ensures first-class image quality with remarkable depth of information and high contrast. Together with the

powerful sealed microfocus X-ray tubes, a very good first pass yield is achieved.

Even the inspection of electronic assemblies populated on both sides is accomplished without a hitch. By separating the two sides of the assembly in the 3D reconstruction, reliable inspection of all production defects is guaranteed.

The system can also be equipped with an optional AOI unit. Here, the Viscom 8M, XM or XM 3D camera modules can be employed. The advantage of which is two inspection technologies which supplement each other perfectly are covered by just one system.

**Image caption:** New: Viscom 3D X-ray inspection with flat panel detector

### **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](http://www.viscom.com)