

Press Release

New Inline X-ray System X8068 SL for Power Electronics

Hanover, Germany, 20th of November 2019 – **With its new X8068 SL, Viscom AG is offering an innovative X-ray system which is specially designed for fully automatic inspection of large and heavy objects on workpiece carriers. Thus, for manufacturing in the e-mobility and renewable energy sectors the very highest quality of power electronics can be guaranteed. The machine was on display at the Viscom booth as a magnet for visitors during the recent productronica show, the international trade fair for electronics manufacturing in Munich from the 12th to the 15th of November.**

Viscom's latest X-ray solution is a further expansion of its already wide range of sophisticated products. Electronics manufacturers rely on extremely fast inline inspection systems for printed circuit boards and also on manual X-ray systems for various inspection applications and objects. The new and innovative X8068 SL rounds off the versatile selection by adding an inline system based not only on the company's proven, high-performance X-ray technology, but also on a smart handling concept capable of automatically moving inspection objects weighing up to 15 kg (33 lbs) to and from the machine. Where manufacturers were once obliged to be satisfied with random sampling and manual inspection, reliable quality control with the X8068 SL being incorporated into a production line is now becoming standard for all the products.

Large circuit boards as well as solid objects can be fully-automatically inspected with the X8068 SL. Optimal handling in the workpiece carrier is also possible by combining several smaller modules. To meet specific demands, the system is capable of customized configuration and it can also be networked in line with particular requirements. In the field of power electronics, precise inspection of component positions and connections such as large-area or THT solder joints is possible.

The workpiece carriers for moving the products measure up to 40 cm x 40 cm (15.7" x 15.7"). The inspection objects can have a robust case. The X8068 SL is therefore also suitable for incorporation into a final assembly line in which the electronic components are already fixed into place in the end products, for example along with actuators and energy stores. Typical applications range from battery modules with their control and charging electronics to inverters and DC-DC converters.

The first-class inspection depth and resolution of detail of the X8068 SL are based on the vast experience and the huge number of sales of Viscom's wide range of X-ray systems now in use throughout the world. The key component of the Viscom X-ray solutions is the microfocus transmission tubes which Viscom develops and manufactures in its own state-of-the-art X-ray competence center in Hanover, Germany.

Captions:

01_The X-ray system X8068 SL is a smart solution for power electronics

02_The new X8068 SL at the productronica in Munich

About Viscom

Viscom AG develops, manufactures and sells high-quality inspection systems encompassing 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 for each customer and can be interlinked. The company's headquarters and manufacturing site are located in Hanover, Germany. Viscom has a large international network of branches, application centers, service support points and representatives. Founded in 1984, Viscom has been listed on the Frankfurt Stock Exchange (ISIN: DE0007846867) since 2006. For further information, please visit www.viscom.com.