

FOR IMMEDIATE RELEASE

MIRTEC to Exhibit the All New MV-6 OMNI at Productronica

OCTOBER 2015 – MIRTEC, “The Global Leader in Inspection Technology,” will premier the technologically advanced MV-6 OMNI 3D Series in Hall A2, Stand 139 at the upcoming Productronica international trade fair, scheduled to take place November 10-13, at the Messe in Munich, Germany.



The new high speed, high performance 3D AOI Machine boasts 15 mega pixel CoaXPress camera technology, as well as advanced eight phase color lighting system. The machine includes a ten micron/pixel precision telecentric compound lens design, integrated ten mega pixel side-viewer camera system, and a precision closed loop AC servo drive motor system.

The MV-6 OMNI has extremely simple programming and operation, and is priced at under €100k (while supplies last)!

Also on display will be Mirtec's flagship, the **MV-9** AOI system, which achieves the highest productivity and ultimate inspection performance, falls calls will be avoided. For the 3D measurement the MV-9 system is working with the "Shadow Free" Moiré Phase Shift image processing. Additionally it is equipped with the 6 Phase colour lighting system for an optimized recognition of lifted leads. At the show, the MV-9 will be linked to a YXLON Cheetah with SmartLoop.

The **MV-9** utilizes a high resolution digital 15 MP camera technology with telecentric lens. The four 10 MP side cameras (Side-Viewer[®]) offer a spacial test and provide valuable information for a secure and reliable detection of side defects. Also, the inspection of complex components is greatly enhanced. The MV-9 is now also available with a 25 MP camera and 7.7 µm lens for components down to 03015.

Also on display will be the **MS-15** In-Line SPI System. It also uses the shadow free Moiré Phase Shift Imaging technology to inspect solder paste depositions on PCBs post screen print for insufficient or excessive solder, shape deformity, shift of deposition and bridging. The MS-15 uses the same high precision platform as MIRTEC's MV-9 Series.

Both systems, the MV-9 and the MS-15, can additionally be equipped with the new CoaXPress which leads to an increase of inspection speed of around 25% compared to the standard camera technology. CoaXPress combines the simplicity of coaxial cable with state of the art high speed serial data technology. The combination of these two features provides a revolutionary leap forward in high speed image and data transmission.

The **MV-3 Desktop AOI System** has been designed to automatically inspect for manufacturing defects both pre and post reflow. The MV-3 systems offer superior fault [coverage](#) and will detect defects such as component presence/absence, polarity, miss alignment, insufficient solder, solder bridging, etc. The system software is very powerful yet extremely simple to use. With its perfect

cost-performance ratio this system addresses especially companies with small and medium productions.

Finally, stop by Hall A4, Stand 506 to see an **MS-11** and **MV-7OMNI** linked to the YXLON Cheetah X-ray system showing SmartLoop.

For more information, or to schedule a demo, contact your Mirtec sales representative or stop by Hall A2, Stand 139, or Hall A4, Stand 506 at Productronica.

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