

## NEWS RELEASE

### Vi TECHNOLOGY introduces the 2K fast and compact AOI solution



**Saint-Egrève, France, 2010, April 6<sup>th</sup> - Vi TECHNOLOGY** introduces the **2K HIGH SPEED**, a fast and compact AOI solution at Nepecon China (Shanghai). This system is designed to provide a solution to the most demanding applications. It combines very high throughput and extremely small component inspection to meet the challenges of miniaturization in high throughput SMT environments.

The **2K HIGH SPEED** emphasizes the optimum leading edge inspection technology in a compact and affordable product, without affecting the cycle time. The high speed and high resolution camera offers 01005 components inspection capabilities for PCBs size up to 14" x 14".

*"The very small footprint of the 2K HIGH SPEED makes it very attractive for our customers in the mobile devices and consumer market segments. Combine this advantage with the systems high performance and its ability to improve SMT line yield through print, placement and reflow process control. Again, Vi TECHNOLOGY achieves its target in delivering valuable products to its customers."* says Jean-Yves Gomez, CEO.

The **2K HIGH SPEED** is produced with a **high speed Premium acquisition head**, which incorporates the best-in-class technologies to maximize throughput, including camera, optics and the i-LITE illumination system. The solution supports the new **Vi TECHNOLOGY® Super-resolution technology**, expanding current 3K Series and 5K Series capabilities. State-of-the-art mathematical algorithms reconstruct high-resolution images from several images at "standard" resolution. A below 10% **Gate R&R** is systematically achieved on 01005 package type. This technology will also be accessible to our existing customers as a **light software and hardware upgrade**. Combined with Vectoral Imaging technology, it brings the most out of our customers' AOI solution. This technology will soon be rolled out in our Premium AOI product to **selectively enable the Super-resolution mode**, when appropriate and required. Therefore, cycle time impact is minimized and should almost be transparent.

The solution integrates the **latest vision software suite**. This software suite is user-oriented to go a step further in simplifying programming. The new intuitive "Wizards" guides users through each step of program creation and optimization and reduces the need for advanced training. The software suite also encompasses full offline programming capability, an optimization tool, centralized common database, cross platform program transportability, review/repair station, and a data mining system... Vi TECHNOLOGY's modular software platform accommodates all AOI application options including: 2D Post Print, Mixed Mode, Pre Reflow, Post Reflow, Post Wave, backplane inspection, OCV and OCR.

**The 2K HIGH SPEED reinforces the Vi TECHNOLOGY AOI product range with a fast and compact solution. The 2K provides 100% defect coverage at any location in the assembly line. The 2K benefits from all of the latest innovations. It was developed for top-class optical inspection and meets the requirements of the even most demanding applications.**

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Société Anonyme au Capital de 4 235 294 € - RCS 451 028 567 – N° TVA FR 244 510 285 67

Siège Social : Rue de Rochepleine – Espace Gavanière – F-38120 SAINT EGREVE - ☎ +33 4 76 75 85 65 - 📠 +33 4 76 75 05 19

[www.vitechnology.com](http://www.vitechnology.com)

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