

Discover ViTrox's Footprint at Nepcon Japan 2018!

PENANG MALAYSIA – January, 2018 – ViTrox Technologies, “the solutions provider of innovative and market leading Total Machine Vision” hereby announces that ViTrox will be partnering with the Strategic Channel Partner (SCP), Kyoritsu Test System Co., Ltd to showcase its hot-selling products, V810i S2EX at Booth No. E34-28, East Hall 2 at Tokyo Big Sight, Japan, from 17-19 January 2018. ViTrox's V810i S2EX AXI, Advanced 3D X-ray inspection system is able to inspect boards up to 482 x 609 mm (10 percent larger than the S2) and provides the best support on the market for boards up to 7mm thick and 4.5kg. The board top clearance of V810i S2EX is enhanced with 50 mm and bottom clearance of 70mm. The inspection area of the system is improved up to 18.7' x 24'.

V810i S2EX features Scan Path Merging (SPAM) state-of-art new technology that can reduce the inspection time and hardware scanning path. Single Unified Management Office (SUMO) uses an 8-core processor with 128GB of RAM that accelerates the system to its optimum level of performance. Simultaneous Efficient Reconstruction Technique (SERT) and a new 64bit imaging processor architecture combine Predictive Slice Height (PSH) into a single scanning path. Phase Shift Profilometry 2 (PSP 2) boosts the projection and image acquisition speed up to 10 times faster using an in-house proprietary projector. PSP 2 improves accuracy and test coverage on 100 percent pressfit and PTH boards.

One of the highlighted key features of V810i S2EX is 3D CT, which was released for failure analysis and volume calculation, while the repair station is for the operator to view the failed joints in 3D CT to make better judgement. Furthermore, users can view the 3D image, Vertical Slicing and 3D CT View at a glance. The Auto Exposure of V810i S2EX is a new advanced technology, with auto learning of the optimal exposure settings by weaving together the data from various exposure settings into a projection in order to improve the image quality for very heavily shaded components. Moreover, V810i S2EX's new 2 x 2 binning cameras are able to achieve higher resolutions up to 6um. ViTrox and Kyoritsu's field experts will be there to assist you for any enquiry. Please do not miss this chance to understand more about ViTrox's innovations!

<http://smttoday.com/industry-news/vitroxs-nepcon-japan/>