

DEK and Maxim SMT Technologies showcase latest innovations at Electronics Next 2010



DEK is preparing to showcase a comprehensive range of advanced technologies and processes at this year's Electronics Next exhibition in conjunction with the company's agent Maxim SMT Technologies Pvt. Ltd. Being held in New Delhi over February 24th – 26th, Electronics Next will see the mass imaging specialist demonstrate its state-of-the-art Horizon screen printing platform along with award-winning Productivity Tools from Stand 501.

At the heart of the stand is the Horizon 03iX, showcasing the Horizon platform's unique ability to provide customers with more choice and value for a future-proof productivity advantage. Horizon offers a wide array of sophisticated features as standard including optimised printer frame technology, fast product changeover, 2 Cpk print process capability and 6-sigma production performance. However, in a pioneering move that sets it apart from competing print technologies, Horizon also enables users to choose from a wide range of options retrofittable in the field to address future applications, production needs or technologies.

The pre-configured Horizon 03iX on display will feature industry-leading accuracy and repeatability to enable it to evolve alongside precise business requirements for the very best cost-of-ownership across platform lifetime. Among the advanced Productivity Tools featured on the platform is the multi-award-winning Cyclone high-performance understencil cleaner. Cutting conventional cleaning times in half, Cyclone technology not only shortens cleaning cycles but also, lengthens the intervals between paper roll changeovers and reduces changeover times for an optimised print

performance. The Horizon 03iX display will also feature HD Grid-Lok®, an automated high density tooling system that supports entire PCB assemblies without the need for manual intervention and HawkEye® 750, a high-speed print deposit verification system that eliminates board inspection errors to maximise throughput by assessing 100% of printed boards at the line beat rate.

In addition to a wide range of Productivity Tools, the DEK display will also showcase the company's popular range of VectorGuard® stencil technologies. A reusable, recyclable tensioning system prioritising operator safety, system rigidity and ease-of-use, VectorGuard is proven in use around the world. From the original, stainless steel VectorGuard Blue through to the electroformed nickel VectorGuard Gold for exceptional aperture wall definition and superior printability, the system is available in a wide range of foils to meet a variety of manufacturing challenges. Appearing alongside the VectorGuard system, DEK will also be highlighting the benefits of its Automatic Stencil Mount (ASM) technology. An advanced, flexible method of securing the stencil frame onto the Horizon platform, ASM accommodates a wide variety of frame sizes without the need for adaptors for maximum convenience.

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About DEK

DEK is a global provider of advanced materials deposition technologies and support solutions including printing equipment platforms, stencils, precision screens and mass imaging processes used across a wide range of applications in electronics pre-placement subassembly, semiconductor wafer manufacture, and alternative energy component production. For more information, visit DEK at www.dek.com.

About Maxim SMT

Maxim SMT Technologies represents world's leading brands offering Automation Equipment Solutions for PCB Assembly. Besides Electronics Manufacturing, Maxim SMT also operates in the area of Production Equipment for Solar Photovoltaics and Semiconductors. Working with major manufacturers like DEK, Maxim SMT has commendable market shares for screen printers in Indian market.

For more information, visit Maxim SMT at www.maximsmt.com

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