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BREAKTHROUGH IN LOW COST REAL TIME X-RAY INSPECTION
X-Tek Systems launches Linx at Nepcon, NEC

NEC Birmingham, UK, 1-3 October 2002: A breakthrough in cost-effective and easy to use, real time x-ray inspection, the new Linx compact benchtop system from X-Tek Systems, one of the world's leading manufacturers of real-time microfocus x-ray systems, made its debut at Nepcon, NEC.

By making high resolution, real time microfocus x-ray more affordable than ever before, the Linx is set to rock the market with a base price of only £37,500. It is ideally suited to a broad range of applications including BGA, μ BGA and flip chip inspection and is expected to be of particular appeal to rework houses, universities, research laboratories and general inspection facilities.

Engineered as a highly cost-effective package, the Linx also retains the reliability, ease of use and high resolution that X-Tek customers have come to expect. In particular the superior imaging capabilities of the Linx make it ideal for spotting faults such as BGA ball wetting, ball to pad delaminations, cracked BGA joints and lifted bond wires.

Easy to operate, with only minimal training required, the Linx features a state of the art 100 KV open tube x-ray source for ultra high resolution down to at least 2 microns. Compact and manoeuvrable the Linx is still able to take 16" x 16" boards, making it ideal for batch inspection or for checking highly populated devices, with a 100% scan area.

The direct to monitor real time viewing offers instantaneous fault analysis and a magnification ability of up to 200x. The versatile anti collision manipulator can tilt on X, Y and Z axes, while the adjustable image intensifier and source also enable oblique angle viewing of sample.

Speaking on the launch of the Linx at AT Expo, Peter Marsh, Managing Director of X-Tek Systems said:

"By offering an exceptional combination of performance, usability and value for money, we believe the Linx will actually create a new market for cost effective x-ray inspection. With a base price as low as £37,500 the Linx puts high resolution real time x-ray within reach of new markets."

Linx has a full safety interlock system and conforms to all international radiation guidelines including FDA and UK ionizing radiation regulations. X-Tek's PC controlled iXS software imaging system is available as an option.

About X-Tek Systems Ltd

X-Tek Systems is the premier manufacturer of real-time microfocus x-ray inspection equipment and high-resolution vacuum de-mountable x-ray sources. Its range of high quality microfocus x-ray systems offers high resolution, high-power, low maintenance and low cost of ownership. The X-Tek product range includes low cost bench-top systems, suitable for lightweight components, up to larger units with more complex functions, useful for inspecting electronic assemblies or engineering components in great detail. X-Tek maintains a world-wide agent network and has a rapidly expanding international user base with installations throughout Asia, the USA and Western Europe. Major multinational companies using X-Tek equipment include AMD, Ericson, Ti, IBM, Motorola and ASAT.

X-Tek real-time microfocus x-ray inspection equipment is used in a wide range of applications including: Electronics; Semiconductor Packaging; Non Destructive Testing, Pharmaceutical, Medical Research; Automotive; Aerospace; Nuclear; Construction, Ceramics, Composites, Food, Defence and Security.

X-Tek Systems Ltd

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High resolution photographs of systems in the X-Tek range including the new Linx and sample x-ray images are available on request from Mulberry PR.

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