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KETI CHOOSES X-TEK X-RAY INSPECTION *Orbita exports to Korean Electrical Testing Institute*

Tring, UK, - 28 January 2003: KETI, the Korean Electric Testing Institute, Korea's independent electrical testing house, has taken delivery of one of the first export orders for X-Tek Systems' top of the range Orbita real-time microfocus x-ray inspection systems.

The advanced new Orbita has been purpose-designed for inspecting large PCBs and electronic assemblies and is the first x-ray system to integrate, 75° oblique view imaging, true concentric imaging and true parallel tracking.

Commenting on the organisation's choice of the Orbita, Duk-Hyun Choi, Team Leader at KETI's said, "KETI is a centralised testing house for the large number of small to medium sized electronics and technology manufacturers in Korea. With the X-Tek Orbita system we are able to offer Korean companies the benefit of using one of the most advanced real-time microfocus x-ray inspection systems available today."

Paul Ramsay, X-Tek Systems' Sales & Marketing Manager added: "KETI sets the highest standards for product testing and quality assessment in Korea, so we are delighted that they have chosen the X-Tek Orbita. As a leader in the truly global market for x-ray inspection in the electronics industry, with a growing presence in the Asia-Pacific region, we feel there is no higher recommendation than KETI's purchase of X-Tek."

Designed for manual and programmed inspection of large area PCB's and electronic components, the Orbita sets new standards in performance and ergonomics and comes complete with an adjustable tri-shelf control platform and auto-load positioning manipulator. The Orbita also makes it easier for operators to produce scan results previously unattainable from x-ray systems.

Ideal for inspecting BGA ball wetting, ball to pad delaminations, cracked BGA joints and lifted bond wires, the revolutionary new Orbita achieves oblique angles of up to 75° by coupling the x-

ray source and imaging intensifier on a single axis. Replacing a traditional tilt axis in this way ensures that the image remains in the centre of the region of interest at all angles of tilt.

For quick and effective scanning of single or multiple BGA balls, the Orbita's true concentric imaging operates over the entire scan area of the manipulator with the region of interest remaining locked regardless of a sample's position on the manipulator.

About KETI

Founded in 1970 KETI, the Korean Electric Testing Institute is Korea's National Official Professional Testing Research Institute, and prides itself of possessing up-to-date technology and cutting-edge facilities with the highest specification and performance.

KETI performs the safety certification of electric appliances, testing of medical appliances and other testing and inspection services to Korean and International standards.

Korean Electric Testing Institute

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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, Ericsson, 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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