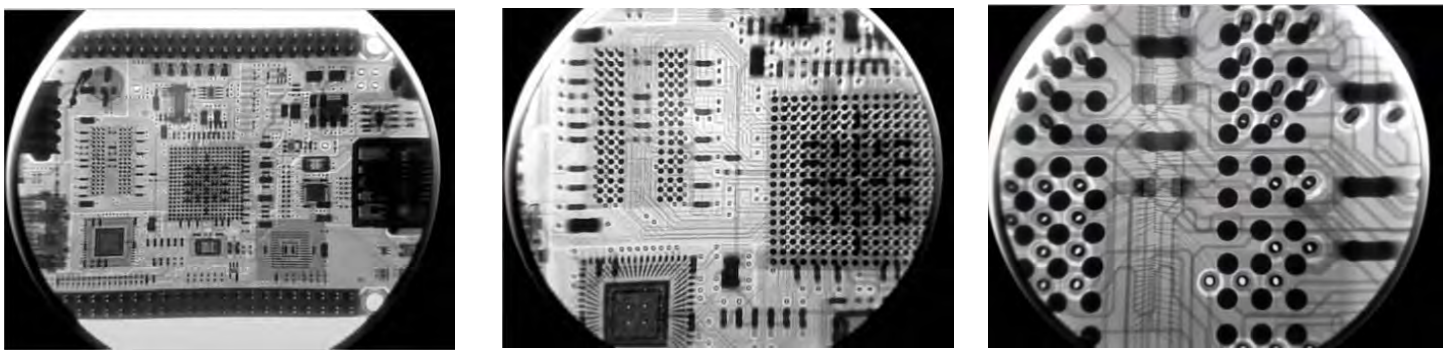
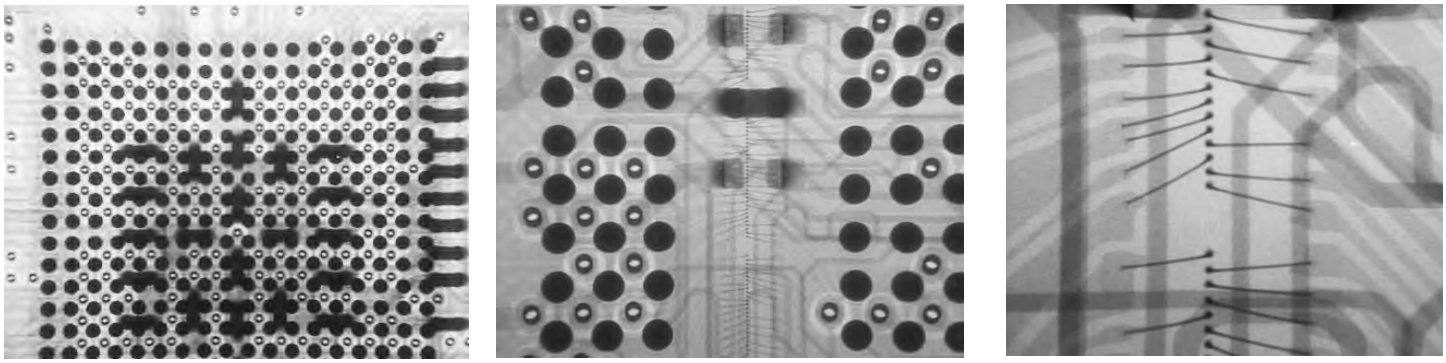
Dual X-ray Camera for JewelBox X-ray Systems

Designed for High-Resolution X-ray Inspection of BGAs, QFNs, Wire Bonds, Medical Devices, Connectors, Counterfeit Components, and Other Packaged Devices



Wide Field of View (75 mm) for Comprehensive X-ray Inspection Coverage.



25 mm Detailed View – Identify Microscopic Defects with High Magnification.

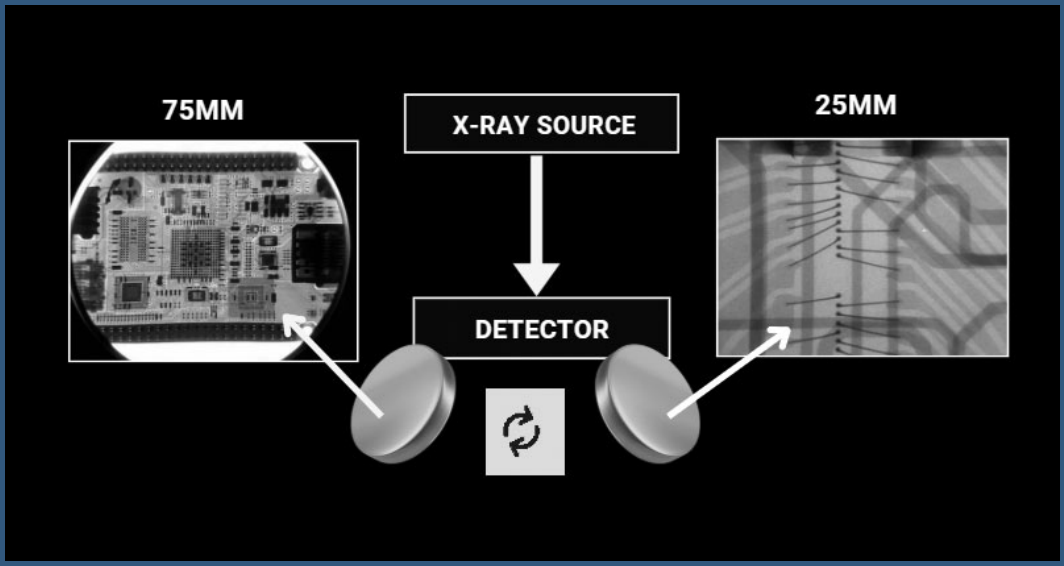
Glenbrook Technologies' Dual Camera system integrates two high-performance X-ray cameras—one with a wide field of view (75 mm or 100 mm diameter) and another with a high-magnification 25 mm diameter field of view—into a single compact unit. The Wide View camera captures large areas of the device for comprehensive imaging, while the Detail View camera delivers enhanced geometric magnification, ideal for detecting fine defects such as micro-cracks in 1-mil wire. Available for the JewelBox Series X-ray Inspection Systems* and compatible with retrofit installations.

*Not available for the JewelBox Ultra Compact System.

Glenbrook Technologies Inc.
X-RAY TECHNOLOGY LIKE NO OTHER

11 Emery Avenue, Randolph, NJ 07869 USA • Tel. 973-361-8866 • Fax: 973-361-9286
glenbrooktech.com

Two-in-One X-ray Imaging: Wide Field and Detail View in a Single System



Discover the Power of Dual X-ray Camera Technology for Advanced Inspection

Glenbrook Technologies' Dual X-ray Camera System is engineered for versatility and precision, offering both wide-view imaging and high-magnification detail within a single inspection platform. A front-facing toggle button allows operators to quickly switch between the two X-ray cameras—typically a 75 mm or 100 mm diameter Wide View and a 25 mm High-Magnification Detail View—ensuring fast, seamless transitions without disrupting workflow. This intuitive feature is designed to maximize efficiency in real-time inspection tasks, such as semiconductor analysis, PCB evaluation, and medical device inspection.

Mounted on a precision-engineered X-axis positioner, the X-ray camera system offers smooth, accurate linear motion for enhanced imaging flexibility. Operators can use the joystick-controlled interface to fine-tune the camera's position with exceptional ease, allowing for precise alignment, repeatability, and optimal magnification across complex components.

Inside the machine, devices are securely placed on a motorized tray platform. Using a 5-axis programmable motion system—which includes X, Y, Z positioning, as well as tilt and rotation—operators can manipulate and inspect the target object from multiple angles. This functionality is essential for identifying internal defects, verifying wire bonds, and detecting counterfeit components with unmatched accuracy and speed.

Click Here for more information.

Click Here for direct quote.

Glenbrook Technologies Inc.
X-RAY TECHNOLOGY LIKE NO OTHER

11 Emery Avenue, Randolph, NJ 07869 USA • Tel. 973-361-8866 • Fax: 973-361-9286
glenbrooktech.com