

Unveiling the Future at Productronica 2023: Automated X-ray Technology Featuring Programmable Motion Control

September 27, 2023 - Glenbrook Technologies, a pioneering leader in electronics inspection solutions, is proud to introduce its latest innovation at **Productronica 2023, Booth A1.318 - Automated X-ray Technology for Electronic Components with Programmable Motion Control.**

An operator can now effortlessly design repeatable programs for automated inspection tasks with remarkable precision, achieving accuracy within $\pm 0.005"$ thanks to the user-friendly graphical interface.

Programmable Motion Control is now available for the JewelBox-70T and JewelBox-90T X-ray Inspection Systems. This feature is available for both new systems and can be added to existing ones.

This groundbreaking technology promises to transform the electronics manufacturing industry by offering unparalleled precision, efficiency, and reliability in component inspection, coupled with advanced motion control capabilities.

"This year at Productronica, we're excited to introduce a game-changing innovation in electronics manufacturing." said **Steve Zweig, VP of Sales, Glenbrook Technologies.**

"Programmable Motion Control represents a significant leap forward in inspection capabilities. It empowers electronics manufacturers to produce their highest-quality products while gaining precise control during electronic component inspections."



Glenbrook's Programmable Motion Control offers repeatable programs for automated inspection applications with precision within $\pm 0.005"$.

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How Programmable Control is Redefining Manufacturing

Programmable Motion Control is an advanced system that greatly simplifies and enhances the efficiency of automated inspection applications by enabling seamless and precise positioning of the device to follow a series of predefined positions (cont'd on page 2).

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X-RAY TECHNOLOGY LIKE NO OTHER

Through its user-friendly interface, operators can easily program and automate the movements required for inspections, eliminating the need for manual adjustments and significantly reducing the risk of error. This streamlining of the process not only saves time but also ensures consistent and accurate inspections, ultimately contributing to higher product quality and increased productivity in manufacturing and quality control operations.



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About Glenbrook's **Jewelbox X-ray Inspection Systems**

Our JewelBox x-ray inspection systems feature ultra-high resolution, powerful microfocus x-ray tubes, five-axis, and positioners. Each machine can be customized for specific applications including:

- Multilayer and assembled pc boards including BGA, QFN, LED, and other devices
- Counterfeit Component Detection
- Failure Analysis
- Connectors, Cables, and Sensors
- IC Packaging and Wire Bonds
- Battery Inspection
- Medical Electronics including hearing aids and pacemakers

For pricing and information, visit us at
Productronica 2023, Booth A1.318
or contact **Steve Zweig, VP of Sales** at 973-361-8866 or email szweig@glenbrooktech.com.

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