

Introducing the new X5DE X-ray system

Take X-ray inspection to a new level with our latest solution featuring Dual Energy with Multi-level Algorithms

LOMA's X5DE is an advanced Dual Energy X-ray system designed to recognize hard-to-find, low-density contaminants in a wide range of products. It delivers improved accuracy, reducing false rejects while offering sharp, reliable results in complex inspections.



Why choose the X5DE for your advanced product inspection needs?

Dual Energy with Multi-level Algorithms benefits:

- Our innovative technology ensures consistent product quality by identifying foreign bodies in overlapping products with advanced detection features. The improved accuracy greatly minimizes false rejects while delivering clear, adaptable imagery that boosts contaminant detection.
- By capturing X-ray images at both multi energy levels, it highlights different attenuation patterns, enhancing the system's capability to identify contaminants. This results in more dependable and efficient inspections across many applications.

Financial advantages for your production line:

- The X5DE operates at the lowest possible energy levels helping to cut operational costs and together with lead-free construction, supports environmental sustainability.
- Achieve lower total cost of ownership as this machine is designed for fewer breakdowns with extended components lifespan.



SCAN HERE
FOR OUR LATEST
X-RAY TECHNOLOGY



What else is new about X5DE?



IMPROVED USER EXPERIENCE

New 19" high-definition wide touchscreen for screen clarity and improved on-screen diagnostics for a more intuitive operator experience.



INTEGRITY CHECKS

Along with checking for contaminants, the X5DE can conduct product integrity checks, verify content count and ensure the product presentation is as expected.



ENHANCED SECURITY

RFID security tags enable faster login and provide enhanced product security and data integrity to keep your operations secure.



INFORMATION CONNECTIVITY

OPC-UA for standardisation in sending and receiving data. This X5DE coupling is an important protocol for Industry 4.0 connectivity, delivering data reassurance and protection.

To contact our experts, call **+44 (0)1252 893300** or email enquiries@loma.com

www.loma.com

Loma Systems is a registered trademark of Illinois Tool Works Inc. (ITW). Other names, logos, icons and marks identifying our products and services referenced herein are trademarks of ITW and may not be used without the prior written permission of ITW. Other product and company names listed are trademarks or trade names of their respective companies. Copyright © 2025 Illinois Tool Works Inc. All rights reserved. All of the specifications shown in this document are subject to change without notice.

X5DELENV1202501