X-ray Product & Seal Inspection





Ensure that your products meet the highest levels of quality and safety

Anritsu's x-ray solution provides 100% closed-pack, end-of-line product inspection with real-time analysis, which facilitates immediate corrective action.

This system offers the following advantages:

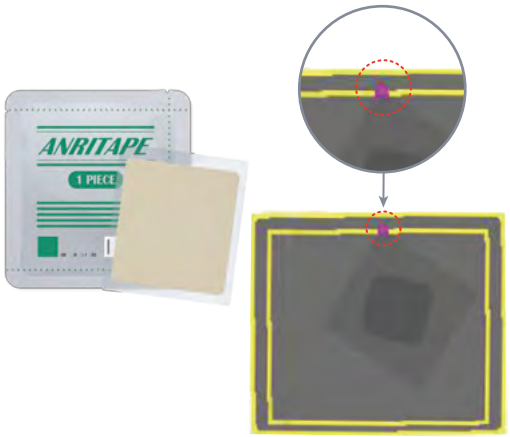
- Ensures correct product dosage by verifying product size and count.
- Detects contaminants down to 0.3 mm stainless steel.*
- Immediately identifies packaging problems.
- Verifies package sealing to prevent product deterioration.

*Application dependent

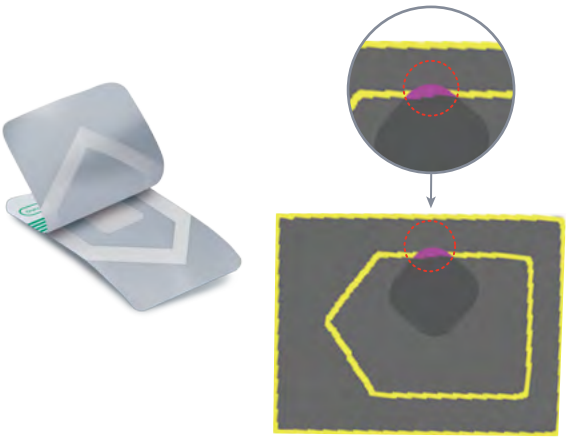
Product types

The x-ray solution can inspect a wide variety of products, including analgesic and nicotine patches, blister packs, and orally dissolving films.

Patches & transdermal medications



Orally dissolving films

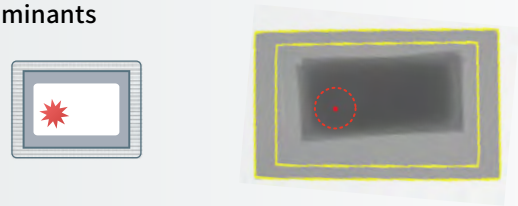


Inspection capability

Seal check



Contaminants



Creases



Missing product



Counting



Multi-lane inspection

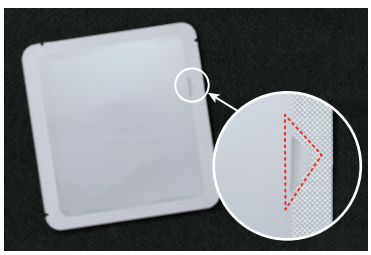


*Inspection accuracy varies depending on the thickness and shape of the product. Please consult with our sales representatives.

Why seal inspection is important

Finding and eliminating packages with product caught in seal areas is extremely important for the following reasons.

- Ensuring proper doses
- Preventing consumer complaints and recalls
- Preventing product deterioration
- Identifying packaging problems on the production line



Other applications

Package Check of the liner
(Transparent, opaque or metalized film— transparent shown)



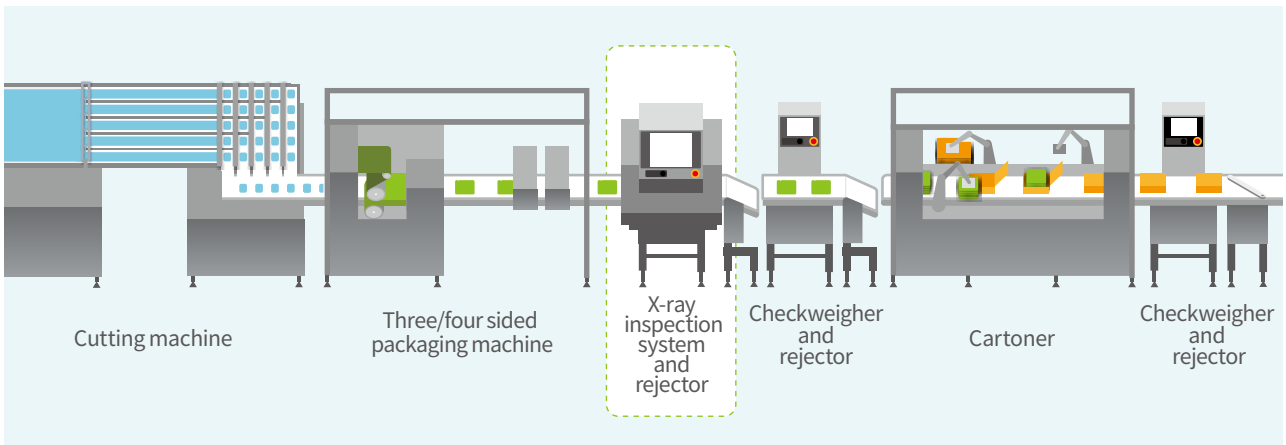
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Anritsu x-ray inspection advantages

- Prevent shipment of defective products, which protects brand reputation and earns customer trust.
- Inspect quality of all package types, including opaque packaging, which is not feasible with vision inspection.
- Perform multiple inspections simultaneously, including seal check, product integrity, and contaminant detection.
- Archive inspection images for analysis and for responding to inquiries from regulators, consumers, and business partners (requires optional QUICCA software).
- Reduce consumer complaints and minimize product waste by quickly identifying product quality issues.

Production line example (transdermal patch)

This is a conceptual diagram of a line that incorporates the X-ray inspection system after patch sealing and cutting. Defective products can be completely eliminated before accumulation and cartoning.



Test your products with Anritsu x-ray

Anritsu can test your products free of charge. We will provide a report with the test results, including x-ray images and contaminant detection sensitivity.
Visit https://www.anritsu.com/en-us/infivis/contact-us/us-inquiry to arrange a discussion with your local Anritsu sales rep.

Anritsu

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ISO14001, ISO9001 Certified

- Some products shown in this catalog may not be available in your country or region. Contact our sales representatives for details.
- To ensure proper operation, read the Operation Manual before using the machine.
- In addition to daily inspection, a full maintenance inspection should be completed annually.

Specifications are subject to change without notice.
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