

AI-enhanced X-ray Inspection System



Anritsu

Artificial Intelligence in X-ray Inspection Improves Accuracy

What is AI?

AI adoption boosts detection accuracy in X-ray inspection. It works alongside traditional image processing, enhancing overall inspection capabilities.

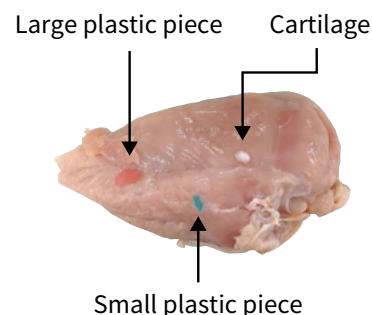
Current systems struggle with subtle defects and vast data sets from various products. AI excels at handling large data volumes, automatically learning and identifying features. This allows for highly accurate defect detection, reducing false rejects and improving yields.

Application examples with built-in AI

Contaminant inspection

Detects low density foreign bodies such as cartilage and plastic.

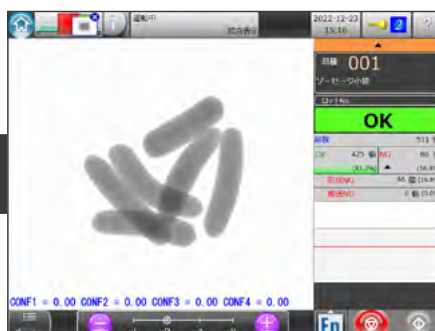
Chicken Breast



Shape inspection

Detects shape defects such as broken or bent sausages even if they are overlapped.

Sausage



Detecting broken pieces



Detecting a bent piece



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- To ensure proper operation, read the Operation Manual before using the machine.
- In addition to daily inspection, an annual maintenance check should be carried out.

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