



PXT™

Photon-counting X-ray Technology

eagle
QUALITY. ASSURED.

Eagle advances inline detection and inspection technologies for food products.

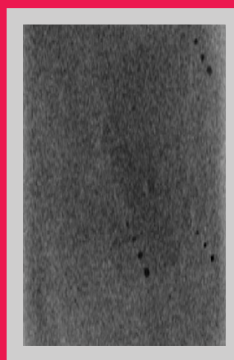
As a pioneer in the inspection industry, Eagle delivers advanced inline x-ray inspection and detection solutions. With Eagle's breakthrough dual energy PXT™ photon-counting technology, processors can achieve superior product safety and assured quality, whilst benefiting from the lowest total cost of ownership.

The NEW industry standard in x-ray detection technology.

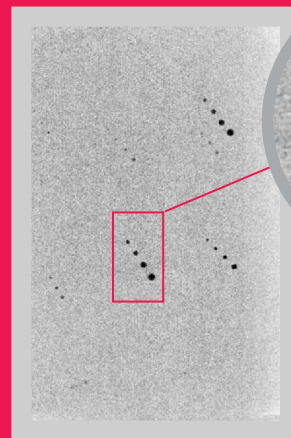
For over 20 years Eagle's expertise in single and dual energy technologies have been the proven standard in x-ray detection across the global food industry. Eagle's newest PXT™ solution is the latest advancement for x-ray detection. This technology, first proven in the poultry industry, offers significant performance for superior detection of bones and other contaminants for a wide range of food applications.



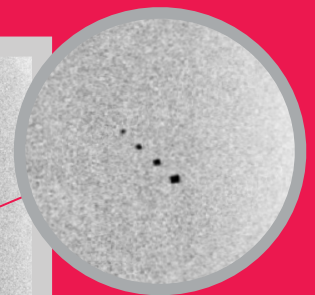
Product



Single



PXT™

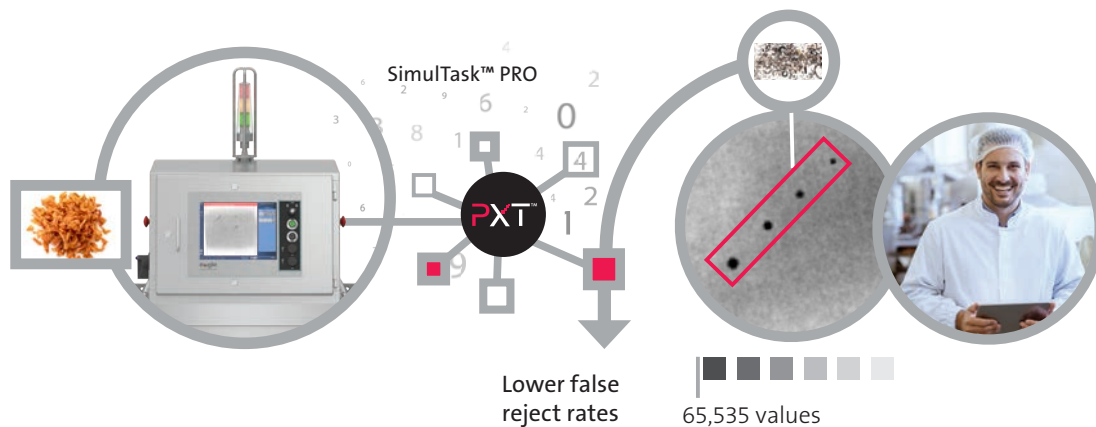


Dual energy PXT™ photon-counting x-ray technology has been radically enhanced to empower superior performance.



Photon-counting X-ray Technology

PXT™ is a breakthrough photon-counting technology that enables food processors to obtain much higher resolution images and capture more detailed data about the product being inspected than has previously been possible. When these images are instantly processed, you'll see an increase in detection accuracy and significantly reduced false reject rates. Eagle machines equipped with [PXT™](#) and [SimulTask™ PRO](#) provide the industry's highest level of inline, automated contaminant detection while simultaneously performing product quality and integrity checks. Eagle x-ray devices equipped with PXT™ technology can be run as stand-alone critical control points or networked to enable full process optimization and efficiency analysis.



These high-resolution images from PXT™ when analyzed with SimulTask™ PRO allows the application of multiple processing algorithms to work in parallel for every image captured providing remarkably more accurate image analysis. Because of this, machines newly equipped with dual energy PXT™ will benefit from:

- **Unparalleled Detection:** Automating the ability to continuously detect the smallest of bone fragments, and other foreign bodies.
- **Lower False Rejects:** This means less product rework, resulting in reduced labor requirements.
- **Unmatched Versatility:** Suitable for multiple food applications, whether fresh or frozen, bulk flow to retail packages, and from single to multi-lane processing lines.
- **Lowest Total Cost of Ownership:** Maximum uptime and simplicity of operation combine to improve throughput and minimize total cost of operation.



Proven solution. Radically enhanced.

When you chose the Eagle systems equipped with PXT™ you can expect accurate detection and reliable results.

Seamless inspection across your production line at critical inspection points means consistent product quality, reduced waste and enhanced yield. You can produce safe, compliant food products, in a more operationally efficient way that allows for a better bottom line. By optimizing the power of automated, versatile Eagle machines, you can focus your efforts on the business of manufacturing with complete confidence in the technology behind it. Find the right machine for your application at eaglepi.com.



[Eagle™ Pack 430](#)



[Eagle™ Pack 400 HC](#)



[Eagle™ Pack 720 PRO](#)

Superior return on your investment.

PXT™'s radically enhanced dual energy photon-counting technology provides unmatched performance for the next generation of food processing. Beyond that, with the new PXT™ technology you will ultimately get a superior return on your investment, including:



Unrivaled product safety



Exceptional quality



Improved processes



Enhanced system versatility



Reduced operating costs

Ensure customer and brand protection when you **inspect more, and expect more, with Eagle.**

Eagle Product Inspection

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