

IX-PD X-Ray Series

The complete poultry solution



Taking bone detection to the next level

Nothing is more important than product safety, quality and compliance in the protein industry. Which is why we're taking bone detection to even higher levels with our latest IX-PD X-Ray Inspection Series.

Equipped with Photon Counting Dual Energy detection

Photon counting detector combined with Ishida-patented Genetic Algorithm imaging means you can quickly inspect your food products for bones and other contaminants - even those with low density - while enjoying superior detecting sensitivity.

In performance tests, the IX-PD Series demonstrated near 100% detection rates for bones in a variety of products including breast fillets, butterflies, deboned thighs and inner fillets. Increasing accuracy compared to previous dual energy X-Ray systems.

- ▶ Wide range of bone types including wish, rib and fan
- ▶ Low density and minute foreign objects
- ▶ High performance detection in fast moving environments
- ▶ Effective detection inside overlapping or uneven products
- ▶ Reduced false positives or inaccurate detection
- ▶ Protects your reputation

Save on lifetime cost of ownership.

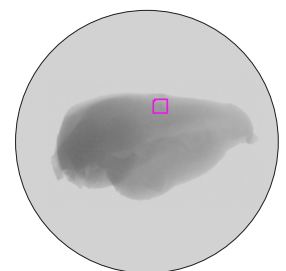
Photon counting technology removes the scintillation process from the image generation - one of the main wear parts in traditional X-Ray systems.

Fast twin lane handling

Increase efficiency with twin lane handling for a variety of poultry products, including breast fillets, deboned thighs, and inner fillets. Delivering speeds to match the most demanding throughput requirements. The integrated retracting rejection system quickly removes contaminated products, while the return conveyor delivers rejected products back to the front of the conveyor for easier manual rework.

Save on manual labour.

On manual labour. Reduced false positive detection rates limit operator intervention to check and rework rejected product that does not contain bone.



IX-PD Series demonstrated near 100% detection rates for bones.



Increase
efficiency
with twin lane
handling

Compact in size, big on benefits

Easy integration and access

The IX-PD Series is designed to fit your needs, in every way. Its compact size enables easy integration into existing packing lines, where space is at a premium. 360-degree access makes cleaning and maintenance easy.

Save on installation.

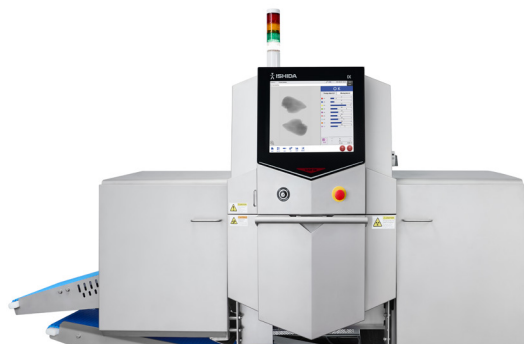
The compact footprint, standard twin lane configuration and integrated return conveyor fits easily into your process and reduces the need for costly line modifications.

Hygienic design

Maximise hygiene and reduce downtime with angled surfaces to prevent water build-up, an open frame design for rapid clean-down, the IP66-rated conveyor chamber, tool-free assembly, interlocked and removable curtain racks, and an optional cleaning rack to safely store removed components.

Save on downtime.

Hygienic design features and 360-degree access makes cleaning and maintenance easy.



Take a closer look at
the Ishida IX-PD X-Ray Series.
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For every challenge, there's Ishida

Want to cut food and packaging waste, and reduce costs?
Find minute foreign objects and big performance gains?
Discover smarter ways to significantly reduce product giveaway?

We've been turning questions into answers for over 130 years, which means we have all the product solutions, sector expertise and proven know-how you need.

- ▶ Full range of weighing, X-Ray inspection, checkweighing, tray sealing, packing and leak detection equipment, plus supporting software.
- ▶ Fast and efficient installation, aligned to your specifications.
- ▶ Built to the highest industry standards and powered by the latest technology, including advanced AI.

- ▶ Specialists in both food and non-food applications.
- ▶ Complete flexibility from a single machine to a fully integrated line solution.
- ▶ Solutions fully tailored to your sector and your products.
- ▶ Dedicated parts and servicing support, with 24 hour delivery in most cases.
- ▶ Expert training online or at your site.
- ▶ Dedicated engineers on call 24/7/365.



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