**Ishida unveils ‘next level’ x-ray inspection system**

Ishida has launched its latest innovation in X-ray technology, the IX-PD-Poultry (IX-PD-45A2-P), which will help manufacturers take high-speed bone detection to a new level of accuracy.

The latest addition to Ishida’s X-ray solutions is designed to meet the large-volume throughputs of modern poultry plants while being able to adapt to a wide variety of cuts. Its innovative Photo-Counting Dual Energy (PD) technology means it can reliably detect bone in fillets and other cut ups. Its twin-lane configuration can inspect breast, deboned thigh and inner fillets for the presence of wish, rib and fan bones as well as small foreign bodies such as steel wires.

The IX-PD-Poultry not only detects bone and foreign bodies but also reduces the probability of false rejects, therefore eliminating an otherwise costly and labour-intensive re-work process. If a contaminated item is detected, retracting twin belts return the product to the infeed system for operators to remove the bone or foreign body and re-feed it through the X-ray system.

The photon counting technology employed within the IX-PD-Poultry delivers the highest quality product imaging by removing the scintillation process which is one of the primary wear parts required by traditional X-ray systems, thus giving the highest possible performance at the lowest cost of ownership.

Additionally, the IX-PD-Poultry’s proven twin lane handling, rejection and return system is packaged into a compact footprint to ensure it easily fits into existing processing lines, while its hygienic design and 360 degree access allow for quick cleaning and re-assembly.

Glen Oxborough, Ishida Europe’s Business Manager for X-Ray Inspection, said:

“We understand the importance poultry businesses place on the quality of their product and the rigorous standards they instil to guarantee it. However, even the smallest error, such as a bone fragment or a piece of metal wire, can have a significant on a company’s public image.

“The need for enhanced brand protection was a major driving force in Ishida’s development of the IX-PD-Poultry. Incorporating new technology, it delivers leading image processing quality so that manufacturers can have complete confidence in the product they are delivering to the retail and food service sectors.”

Glen added: “The introduction of the IX-PD-Poultry provides another element in Ishida’s extensive range of X-ray inspection products, to give our customers the peace of mind for poultry manufacturers.”

For more information about the IX-PD range, please visit:

<https://www.ishidaeurope.com/en/products/inspection-quality-control/x-ray-inspection-systems/photon-counting-dual-energy-ix-pd-series/>

**ENDS**

**About Ishida**

Ishida is a world leader in the design, manufacture and installation of end-to-end weighing, packing and safety solutions for the food industry, helping manufacturers increase automation and achieve compliance, reduce cost and downtime, increase operational efficiencies and brand protection, and maximise profits.

With an installed global base well in excess of 180,000 industrial machines, covering a huge number of applications and end markets, the company is the undisputed world market leader for multihead weighers and one of the leading global suppliers of snack food bagmakers, X-ray inspection systems, checkweighers, graders, traysealers, leak detectors and Industry 5.0 solutions.