Official Distributor
Innospexion

FUTURE-PROOF
FISH PROCESSING

Secure fish quality standards that grow together with raising market demands & consumer preferences.

AUTOMATIC FISH BONE X-RAY DETECTION

Revolutionary bone detection systems created for the unique needs of the fish processing industry.

High detection rate

Based on a unique image resolution of 0.1 mm x 0.1 mm, our X-ray system can detect thin calcified bones and pin bones in fish.

Simple to operate

Easily integrates into your busy plant environment with simple controls, minimal user interaction and CIP features to not overburden plant operations.

Low false rejection rate

Our high resolution X-ray detectors combined with our innovative software algorithm guarantee a high and reliable bone detection rate, without rejecting good products from the line.

Experience

Strong know-how rooted in over 20 years of X-ray technology expertize.

Low Cost of Ownership

Robust design, top-class components with high proven durability.

Technology Leader

Constant focus on technology development and future proofing our solutions to the changing needs of the food industry.

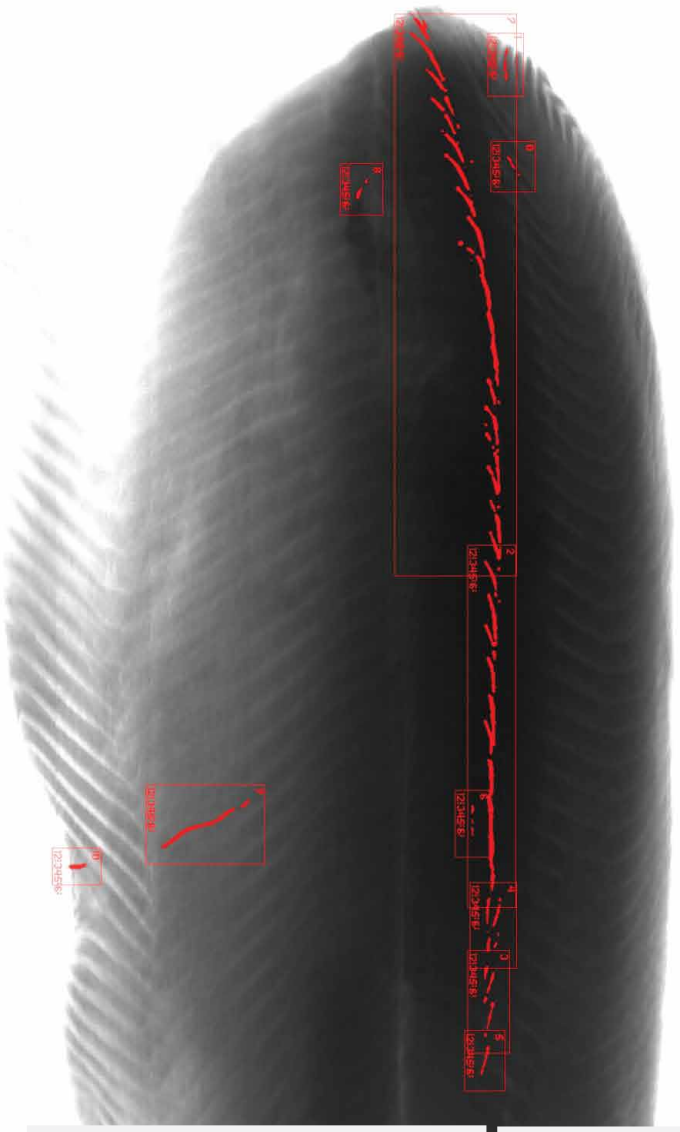
Compact design and versatile functionality that will increase yield and minimize waste.

Gentle reject methods for product quality conservation under processing.

Special software tailored for detecting very thin pin bones.

JBT Innospexion

process-solutions@jbtc.com
https://www.jbtc.com/foodtech/



INDUSTRY LEADING X-RAY SYSTEM FOR AUTOMATIC FISH BONE DETECTION

Tailored software application for pin bone detection in various fish species.

Adaptable to different product categories: fresh/ frozen, fillets / portions.

High and reliable detection rate with low false negatives due to high resolution X-ray detector.

Compatible with different types of reject systems: flap-down, rectractable gate.

Hygienic design, IP69K.

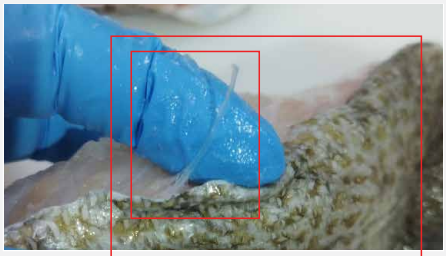
FDA and EU approved materials, suited for direct contact with food.

Designed for food production environments, water jet cleaning tolerance with foam up to 20 bars.

Plug and play design.

During manual or automatic bone removal, a certain percentage of bone fragments will remain present in the fish product.

The ideal place to implement an X-ray bone detection system is immediately after the bone removal process. Our special software will automatically detect remaining bones and only reject the products containing those unwanted bones.



up to 99% detection rate & under 5% false reject rate for bones with thickness down to Ø0,35mm. and L10mm. in length.

Ø 0,37MM
L 10MM

NOFIMA (The Norwegian Institute of Food, Fisheries and Aquaculture Research) studies concluded that most consumers will not feel a fish bone while eating cooked fish if the bone measures below Ø 0,37mm. x L 10mm.

Our X-ray pin bone detection system has been designed to detect all necessary and unwanted bones from your production line.