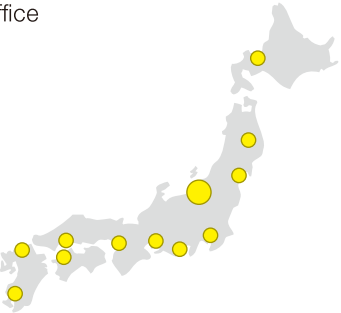
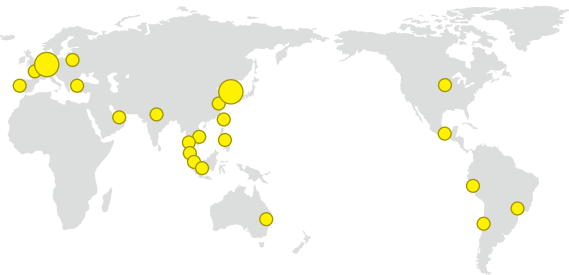


Japan office



Head Office / Head Plant
157 Kanawa, Kitamachi, Nagaoka, Niigata, 940-2121 Japan
TEL:+81-258-47-1377 FAX:+81-258-47-0161

Group company, Distributor



Group company
Germany SYSTEM SQUARE EUROPE GmbH
China SYSTEM SQUARE CHINA

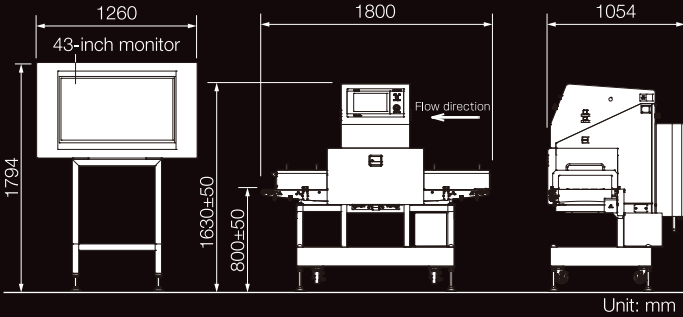
Distributor
28 countries
Asia, Europe, Americas, Oceania

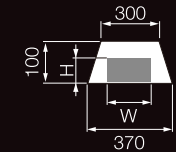
<https://www.system-square.com/en/>



* The information in this catalog is current as of December 31, 2025.
* The appearance and specifications described in this catalog are subject to change without notice for product improvement.
* Some images in this catalog are for illustrative purposes only.

SXV2-3873HW

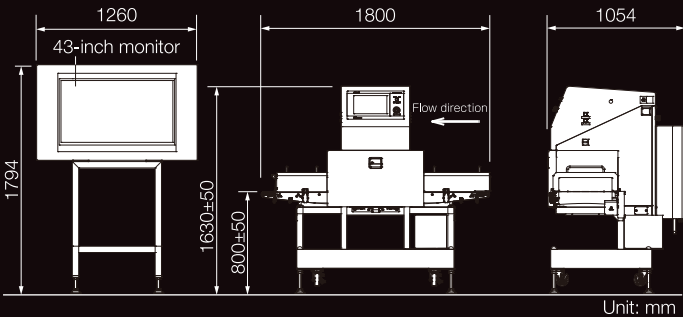


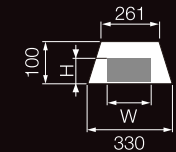


【Inspectable range】												
H	100	90	80	70	60	50	40	30	20	10	0	
W	300	307	314	321	328	335	342	349	356	363	370	

Model	SXV2-3873HW
Dimensional of insect product*1	Tray size: W365mm × L660mm × H50mm (for reference)
Weight capacity*2	10kg
Conveyor speed*2,3	10-30m/min
Belt width	420mm
Display unit	One 43-inch monitor, 15.6-inches-wide TFT color LCD (with touch panel)
Structure	Main unit/Base: All stainless-steel (SUS304)
Protection Grade*4	Main unit equivalent to IP66(Inspection room), IP54(Cooling unit)
MAX.X-ray output	Tube voltage: 75kV, Tube current: 8.0mA (Max: 300W)
Operating environment*2	Temperature: 0 to 35℃, Humidity: 30 to 85%, No dew condensation allowed.
Weight	Inspection equipment main unit 560kg
Main power supply*2	180-220Vac, 3000VA, 50/60Hz

SXV2-3671MW





【Inspectable range】												
H	100	90	80	70	60	50	40	30	20	10	0	
W	261	268	274	281	288	295	302	309	316	323	330	

Model	SXV2-3671MW
Dimensional of insect product*1	Tray size: W320mm × L660mm × H50mm (for reference)
Weight capacity*2	10kg
Conveyor speed*2,3	10-30m/min
Belt width	420mm
Display unit	One 43-inch monitor, 15.6-inches-wide TFT color LCD (with touch panel)
Structure	Main unit/Base: All stainless-steel (SUS304)
Protection Grade*4	Main unit equivalent to IP66(Inspection room), IP54(Cooling unit)
MAX.X-ray output	Tube voltage: 75kV, Tube current: 8.0mA (Max: 300W)
Operating environment*2	Temperature: 0 to 35℃, Humidity: 30 to 85%, No dew condensation allowed.
Weight	Inspection equipment main unit 560kg
Main power supply*2	180-220Vac, 3000VA, 50/60Hz

*1 Products that pass the inspectable range will be scanned
*2 For other weight capacity, conveyor speed, operating environment, or main power supply, please contact SYSTEM SQUARE INC.
*3 The conveyor speed may need to be limited depending on the inspection conditions and items.
*4 Protection grade may not apply when options are mounted.
* The cover to prevent the X-ray leak may be required at the inlet and outlet according to the length of inspection product.
* Options may be required in case that installation place has large temperature change and (or) high humidity, item to be inspected is too cold or hot.



Remaining Bone Inspection System (X-ray)

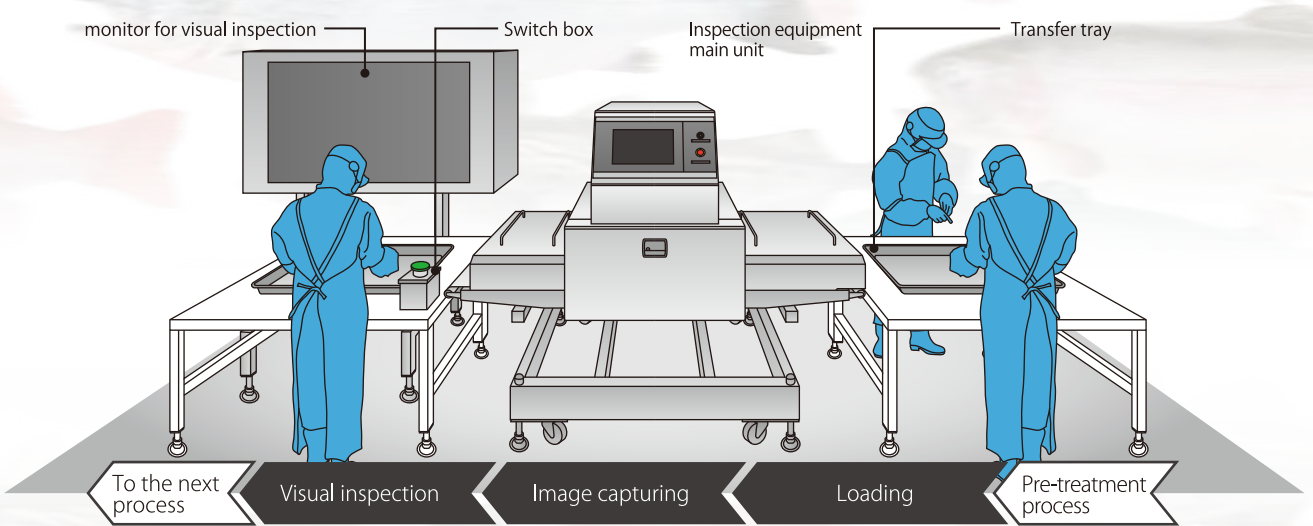
REMAINING BONE INSPECTION SYSTEM

- 1、For Seafood Processing
- 2、Visual inspection type

Remaining bone inspection system for seafood processing

With this remaining bone inspection system, workers perform the visual inspection based on X-ray images displayed on the monitor and remove foreign objects.

Configuration image of semi-automatic inspection tray flow line



SXV2-3873HW
Visual inspection is achieved at reasonable cost.
Compliant with water-proof / dust-proof Main unit equivalent to IP66(Inspection room), IP54(Cooling unit)

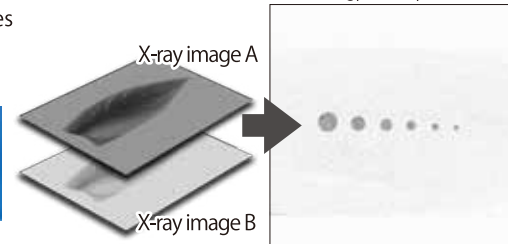
Visual inspection type
Completely waterproof

SXV2-3671MW
High resolution model
Built-in high-precision dual energy allows you to view bones that are overlooked by the conventional X-ray inspection system.

Visual inspection type
Completely waterproof

High-precision dual energy inspection

Images are processed based on two images with different energy to perform the high-precision marking.



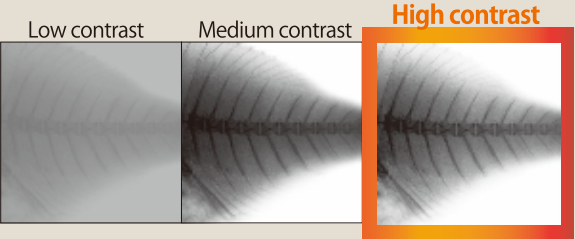
Inspection using this system SXV2-3671MW



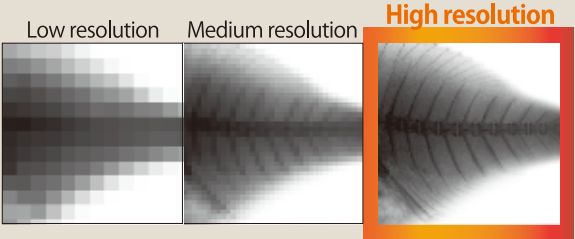
Remaining bone inspection system provides high contrast and high resolution.

Bones are easily recognized accurately with high contrast and high resolution. Therefore, the possibility to overlook small bones is reduced.

Conceptual diagram of contrast differences

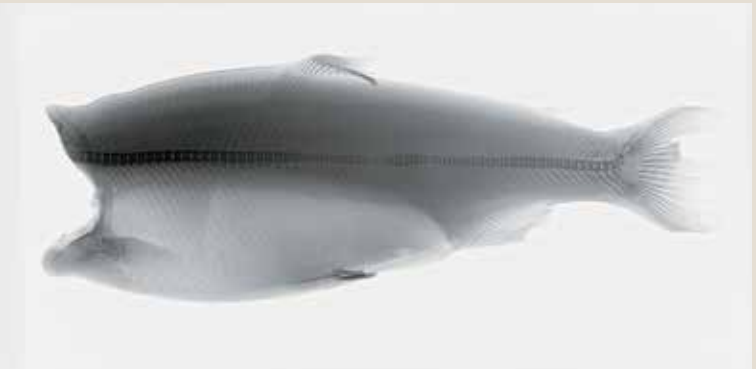


Conceptual diagram of resolution differences



Inspection of half of salmon

Captured by the SXV2-3873HW



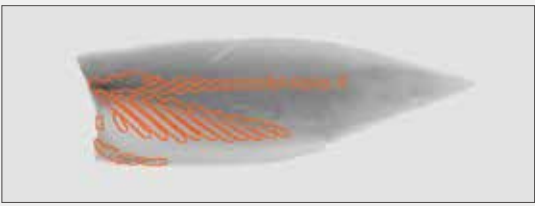
Inspection of half of mackerel

Captured by the SXV2-3671MW



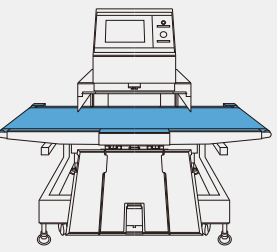
Visual inspection assist function

Foreign objects are marked to assist the visual inspection. Use of this assist function makes it possible to prevent bones from being overlooked by new workers. Therefore, the stable quality can be maintained regardless of workers' skills.



Excellent cleanliness

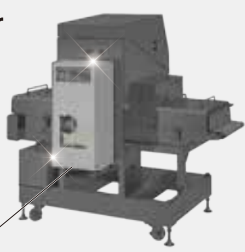
In the conventional model, the transfer section is separated into three portions. However, in this model, three portions of the conventional transfer section are integrated to one section and the cleanliness is improved greatly.

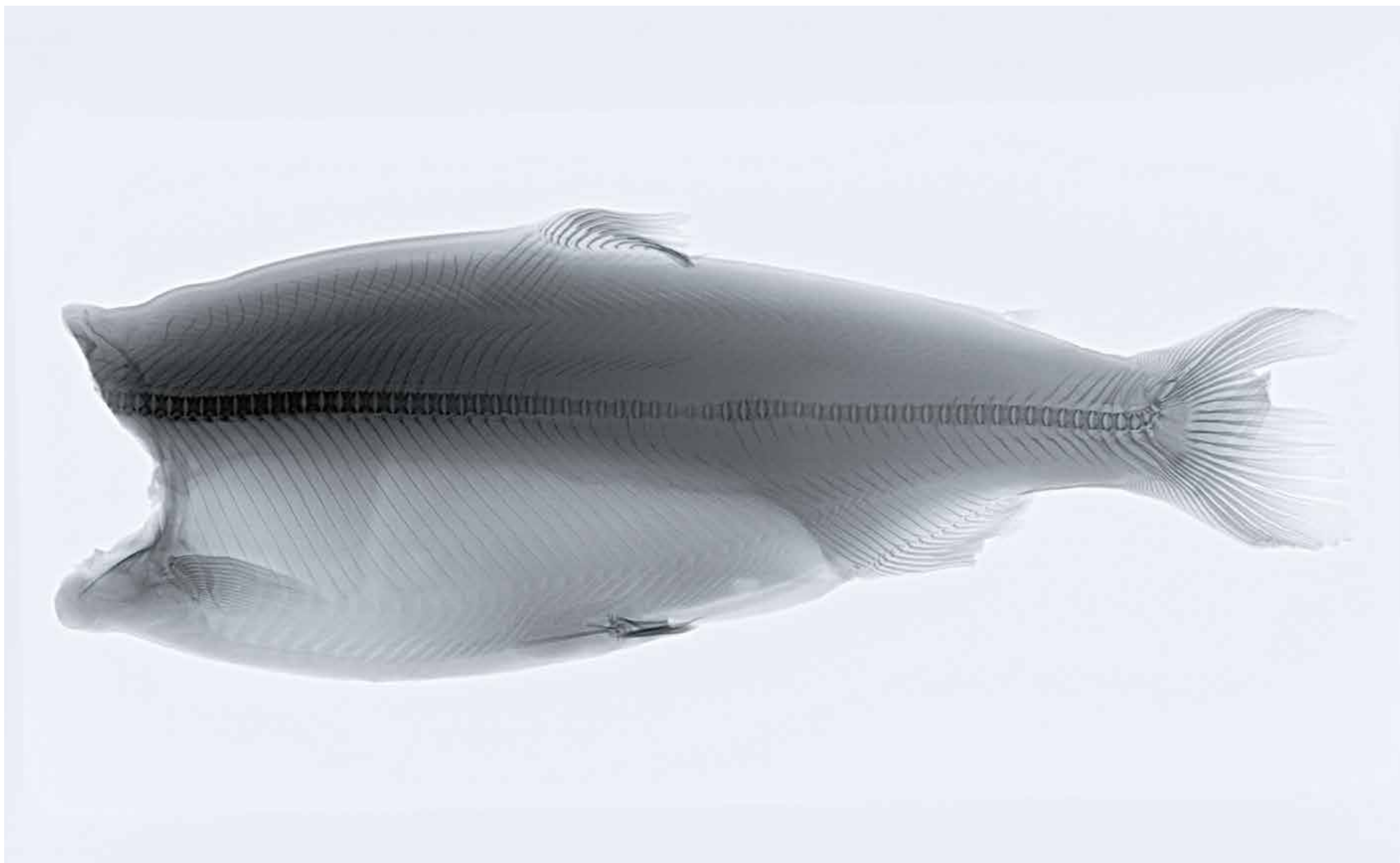


Stainless-steel (SUS) cooler

The cooler installed on the rear is made of SUS304 that is resistant to rust. Therefore, the system is tough in salty environment and can control temperature inside the machine.

SUS304 cooler





Half of salmon
Captured by the SXV2-3873HW

Collar, fin, and fatty belly portions or backbone easily left behind
can be inspected at a less expensive cost.



Half of mackerel
Captured by the high resolution model
SXV2-3671MW

Mackerel bones with a high degree of difficulty can be inspected efficiently using high resolution X-ray images. When the half of mackerel including very difficult backbones or broken bones is inspected, it is recommended to select the SXV2-3671MW.

The visual monitor of the actual system uses a 43-inch display with 4K resolution. It is possible to display high resolution inspection images that are significantly better than those shown on the catalog.