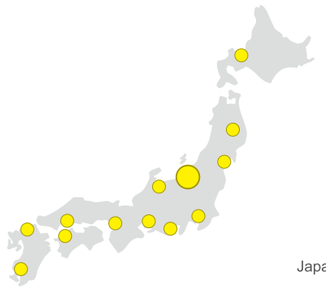
Agents



Japan office

For more information, contact our office listed below.

The contents of the specifications are subject to change without prior notice due to continual improvement.

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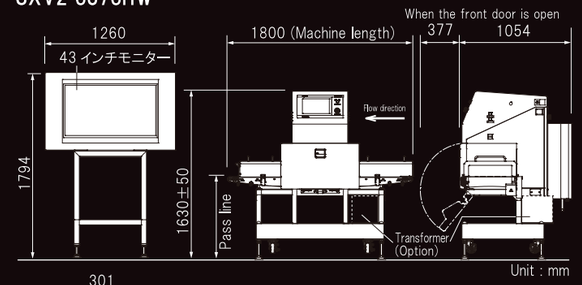
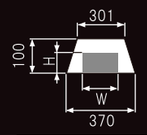
www.system-square.com/en/

SXV2-3873HW



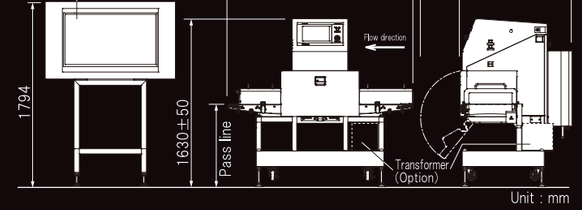


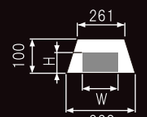
[Inspectable range]

H	90	80	70	60	50	40	30	20	10	0
W	308	315	322	329	336	342	349	356	363	370

Model	SXV2-3873HW
Dimension of inspection product*1	Tray size: W365mm × L660mm × H50mm (for reference)
Transport weight	10kg*2
Transport belt speed	10–30m/min*3
Belt width	420mm
Display unit	One 43-inch monitor, 15.6-inch wide TFT color LCD (with touch panel)
Structure	Main unit/Base: All-stainless (SUS304) Waterproof structure with the main unit conforming to IP66 (excluding the cooler)*4
Pass line	800±50mm
Max. X-ray output	Tube voltage (Max.): 75kV, Tube current: 8.0mA However, the electric power is limited to 300W.
Operating environment	Temperature: 0 to 35℃, Humidity: 30 to 85%, No dew condensation allowed.*5
Weight	480kg
Power supply	AC200～240V±10% 3.0kVA 50/60Hz

SXV2-3671MW





[Inspectable range]

H	90	80	70	60	50	40	30	20	10	0
W	267	274	281	288	295	302	309	316	323	330

Model	SXV2-3671MW
Dimension of inspection product*1	Tray size: W320mm × L660mm × H50mm (for reference)
Transport weight	10kg*2
Transport belt speed	10–30m/min*3
Belt width	420mm
Display unit	One 43-inch monitor, 15.6-inch wide TFT color LCD (with touch panel)
Structure	Main unit/Base: All-stainless (SUS304) Waterproof structure with the main unit conforming to IP66 (excluding the cooler)*4
Pass line	800±50mm
Max. X-ray output	Tube voltage (Max.): 75kV, Tube current: 8.0mA However, the electric power is limited to 300W.
Operating environment	Temperature: 0 to 35℃, Humidity: 30 to 85%, No dew condensation allowed.*5
Weight	480kg
Power supply	AC200～240V±10% 3.0kVA 50/60Hz

*1 According to the product length, the cover may be needed.*2 For other weight, contact System Square Inc.*3 For other transport belt speed, contact System Square Inc.*4 This waterproof standard may not apply when options are mounted.*5 When the operating environment temperature exceeds 35℃, contact System Square Inc. *Appropriate options may be separately needed in the following cases: Large temperature deviation in the installation location, high humidity, too cold or too hot object to be inspected.

SC222-120-C-DL

SYSTEM SQUARE

SXV2-3873HW
SXV2-3671MW

Remaining Bone Inspection System (X-ray)

REMAINING BONE INSPECTION SYSTEM

1、For Seafood Processing

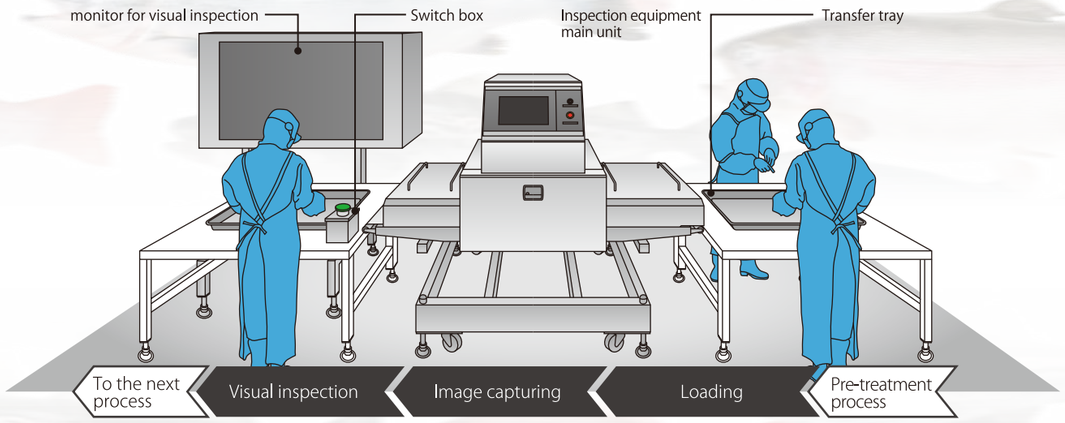
2、Visual inspection type

SYSTEM SQUARE INC.

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 IP66 (excluding the cooler)

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.

Product to be inspected
Half of mackerel

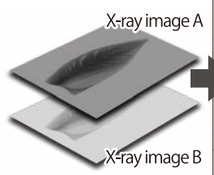
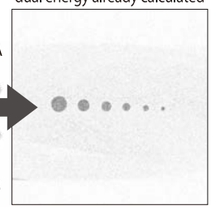
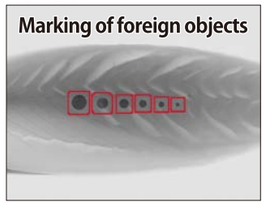


Image with the high-precision dual energy already calculated



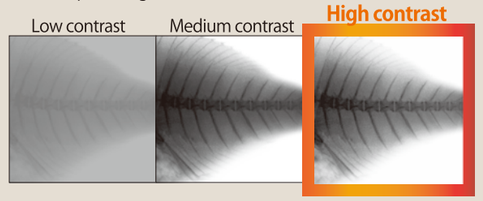
Inspection using this system SXV2-3671MW



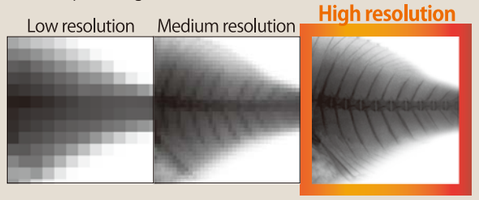
Remaining bone inspection system provides high contrast and high resolution.

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

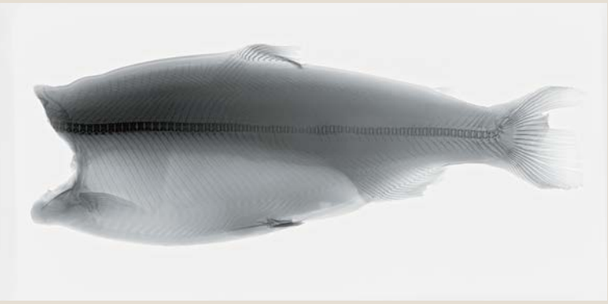


Conceptual diagram of resolution differences



Inspection of half of salmon

Captured by the SXV2-3873HW

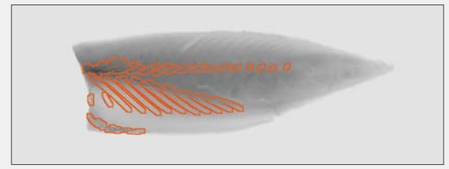


Inspection of half of mackerel

Captured by the SXV2-3671MW

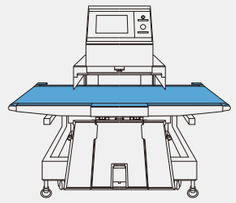
Visual inspection assist function

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

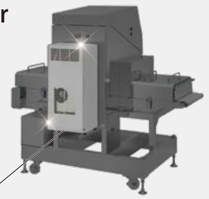
In the conventional model, the transfer section is separated into three portions. However, in this model, three portions of the conventional transfer section are integrated to one section and the cleanliness is improved greatly.

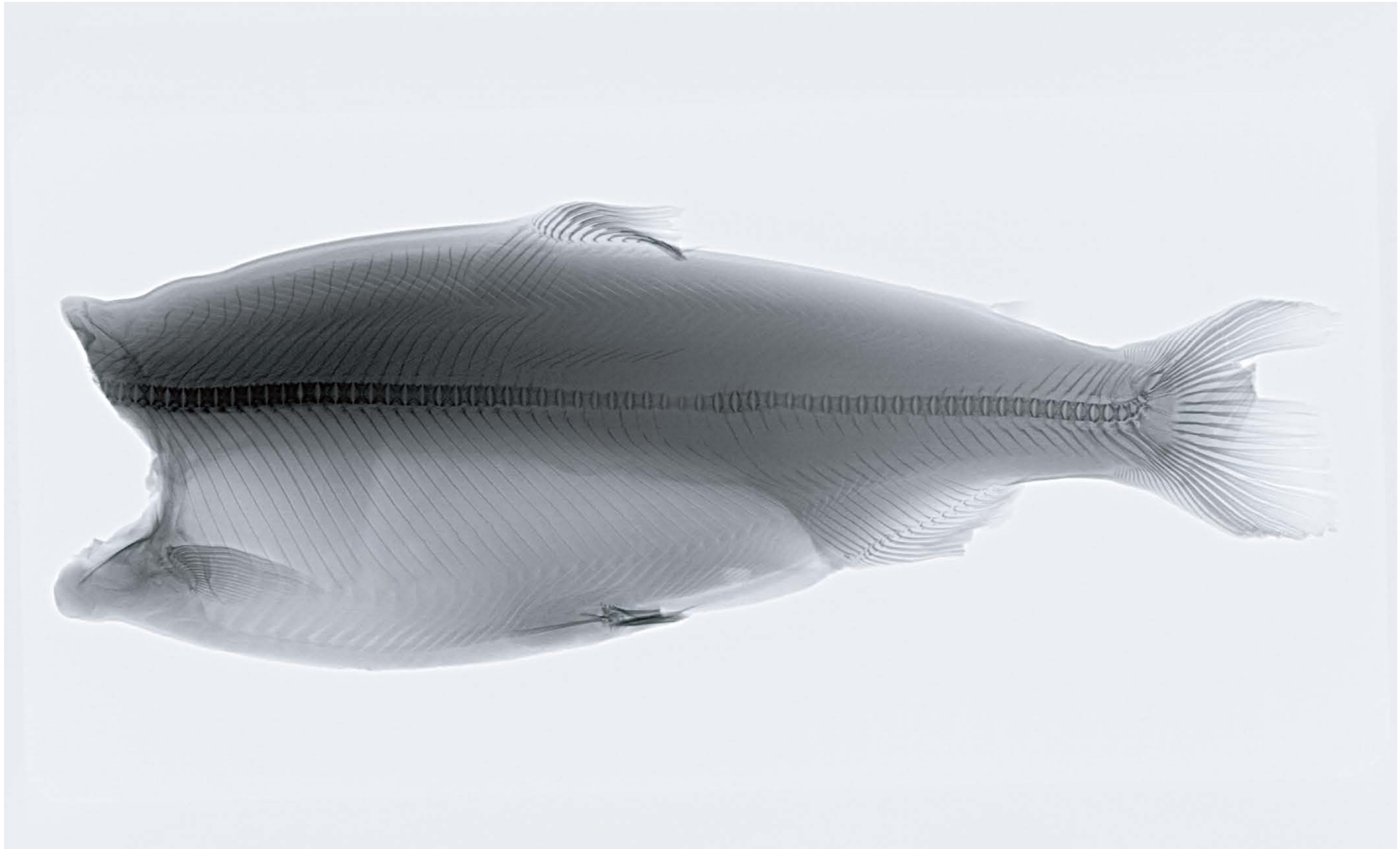


Stainless-steel (SUS) cooler

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 potions 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.