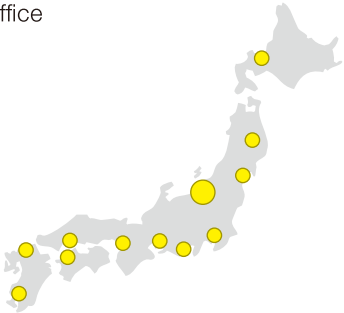
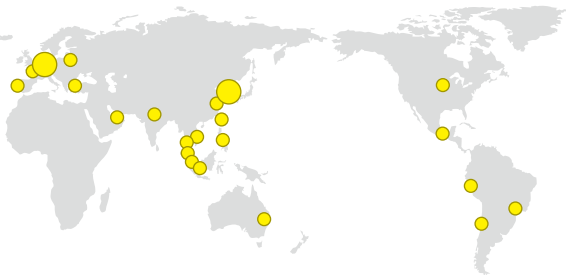


Japan office



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

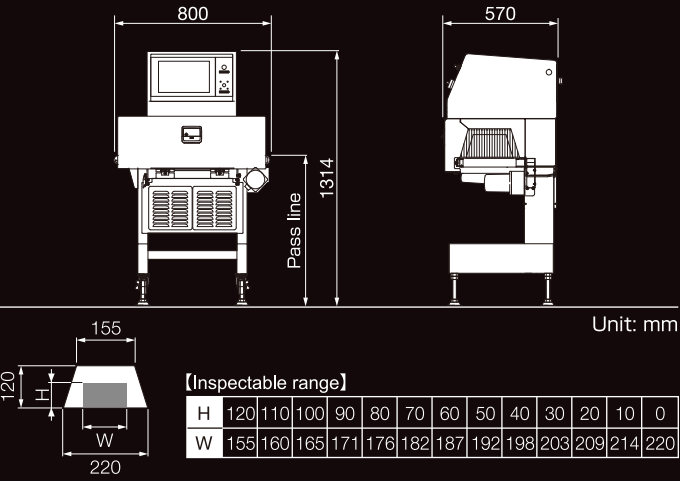
Distributor
28 countries
Asia, Europe, Americas, Oceania

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



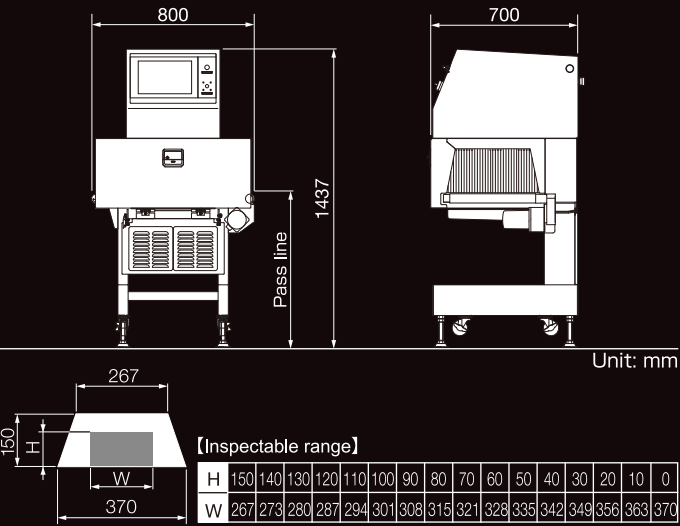
* The information in this catalog is current as of July 31, 2024.
* The appearance and specifications described in this catalog are subject to change without notice for product improvement.
* Some images in this catalog are for illustrative purposes only.

SX2-2353HW



Model	SX2-2353HW
Dimension of inspection product *1	Maximum passage width 220mm, Maximum passage height 120mm
Weight capacity	5kg *2
Conveyor speed	15-45m/min *2
Belt width	270mm (without meandering-less function) (270mm with meandering-less function is optional.)
Detectable material	Iron or stainless-steel ball (Φ0.2mm), stone, glass, hard bone, high density plastic, etc. *3
Display unit	15.6 inches-wide TFT color LCD (with touch panel)
Structure	Main unit/Base: All stainless-steel (SUS304) Protection Grade: Main unit equivalent to IP66 *4
Pass line	750±50mm
Max. X-ray output	Tube voltage (Max.): 50kV, Tube current (Max.): 5.0mA (Max: 150W)
Operating environment	Temperature: 0 to 35°C, Humidity: 30 to 85%, No dew condensation is allowed. (It is necessary to clean the filter periodically.) *5
Weight	160kg
Main power supply	AC100V±10%/AC200-240V±10%, 1.0kVA, 50/60Hz

SX2-3873HW



Model	SX2-3873HW
Dimension of inspection product *1	Maximum passage width 370mm, Maximum passage height 150mm
Weight capacity	5kg *2
Conveyor speed	15-45m/min *2
Belt width	420mm (without meandering-less function) (420mm with meandering-less function is optional.)
Detectable material	Iron or stainless-steel ball (Φ0.2mm), stone, glass, hard bone, high density plastic, etc. *3
Display unit	15.6 inches-wide TFT color LCD (with touch panel)
Structure	Main unit/Base: All stainless-steel (SUS304) Protection Grade: Main unit equivalent to IP66 *4
Pass line	750±50mm
Max. X-ray output	Tube voltage (Max.): 75kV, Tube current (Max.): 8.0mA (Max: 300W)
Operating environment	Temperature: 0 to 35°C, Humidity: 30 to 85%, No dew condensation is allowed. (It is necessary to clean the filter periodically.) *5
Weight	240kg
Main power supply	AC100V±10%/AC200-240V±10%, 1.5kVA, 50/60Hz

*1 Products that pass the inspectable range will be scanned. *2 For other weight or conveyor speed, contact SYSTEM SQUARE INC. *3 The detection sensitivity may vary depending on the type of inspection product and the operating environment. *4 This waterproof standard may not apply when options are mounted. *5 When the operating environment temperature exceeds 35°C, contact SYSTEM SQUARE INC. * 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.

SC266-109-E-R



SX2-2353HW
SX2-3873HW

X-ray

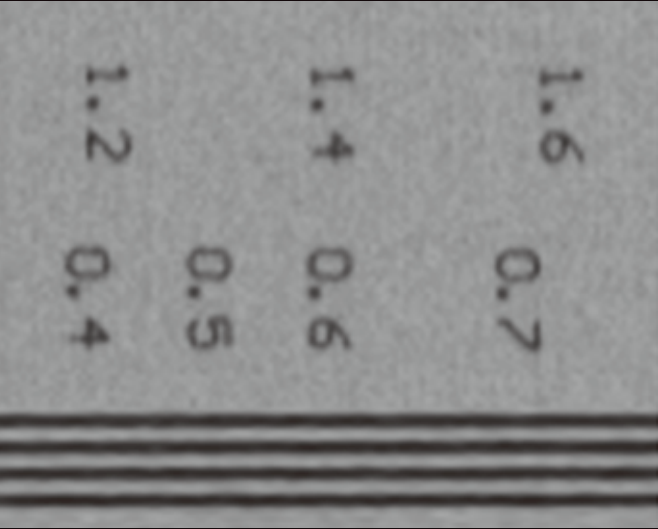
X-RAY INSPECTION SYSTEM

- 1、New X-ray sensor “3H sensor” installed
- 2、High-sensitivity Inspection
- 3、Stability

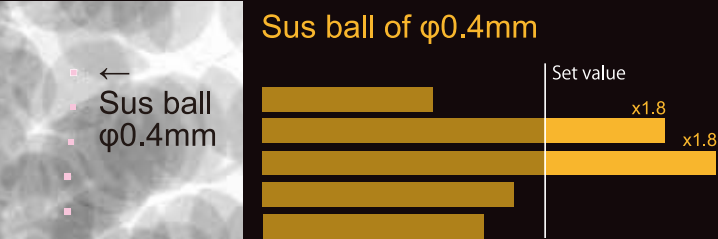
High-sensitivity and Stability Achieved Simultaneously!

SX2-2353HW / SX2-3873HW

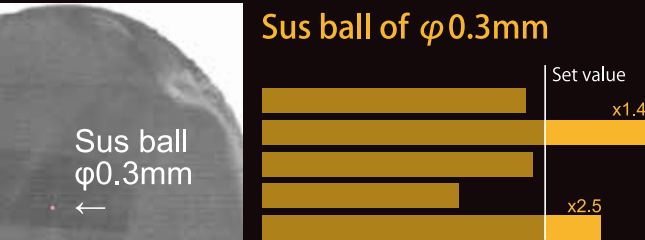
SX2-2353HW with a new X-ray sensor



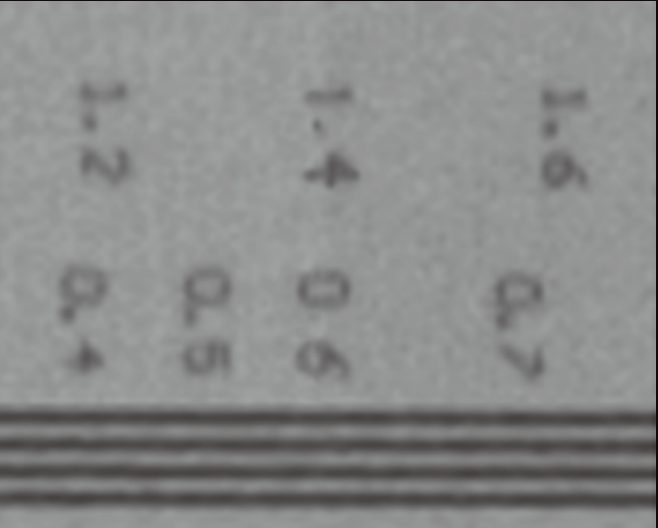
Inspection image of biscuits in a large bag



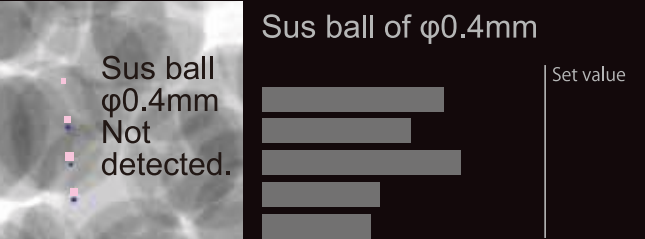
Inspection image of ham



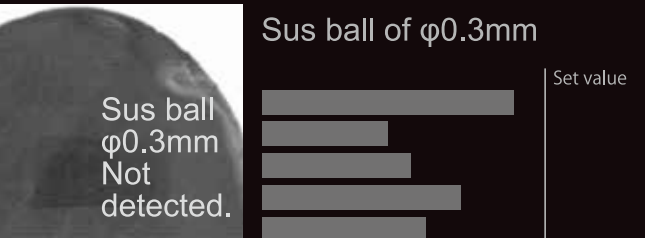
SYSTEM SQUARE standard model (SX2-2554W)



Inspection image of biscuits in a large bag



Inspection image of ham



SX2-2353HW

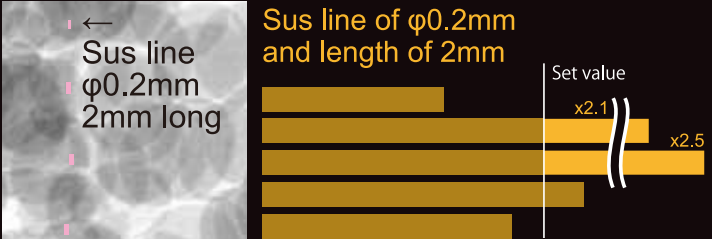


SX2-3873HW

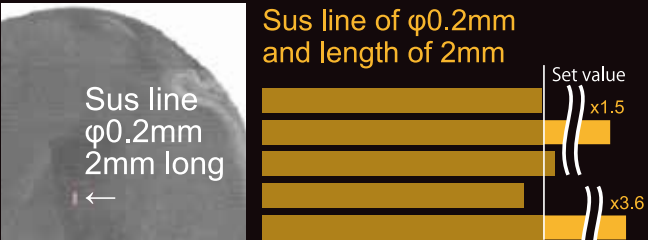
New X-ray Sensor
High-sensitivity Inspection
Stability



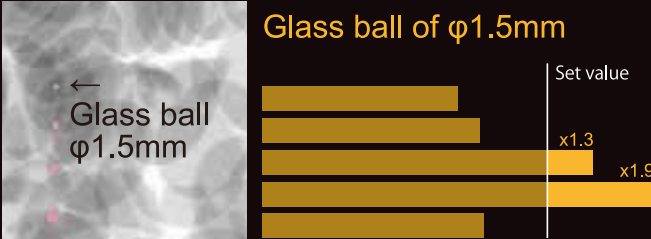
Inspection image of biscuits in a large bag



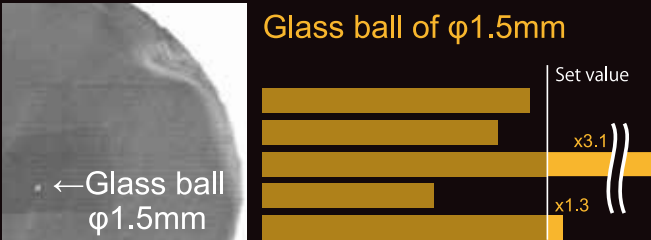
Inspection image of ham



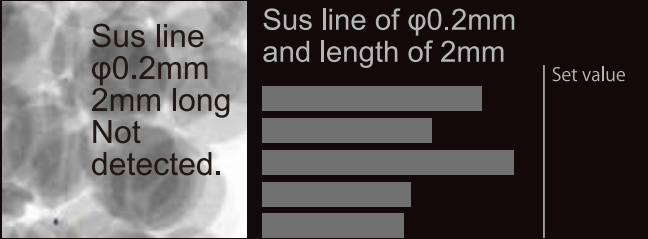
Inspection image of biscuits in a large bag



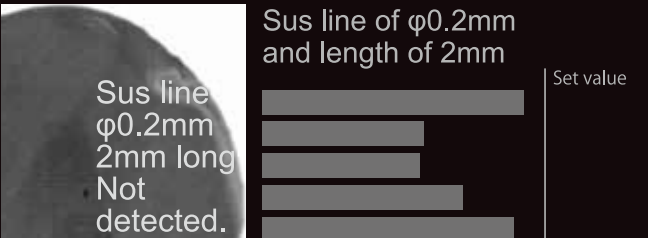
Inspection image of ham



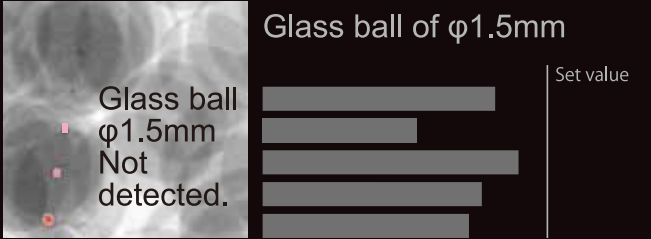
Inspection image of biscuits in a large bag



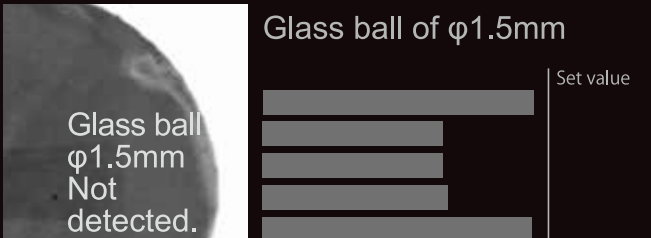
Inspection image of ham



Inspection image of biscuits in a large bag



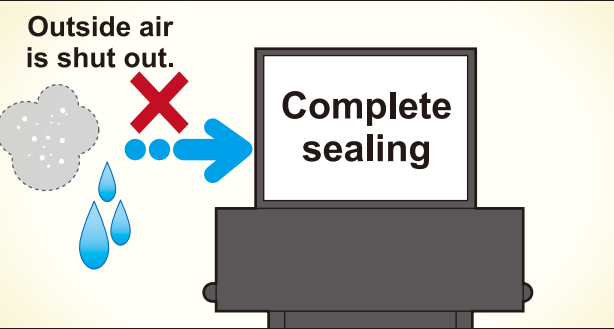
Inspection image of ham



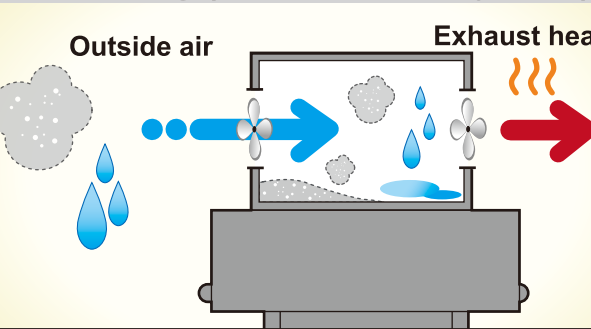
Completely sealed cooling system is used.

As the complete sealing is achieved, this greatly reduces damages to the system units due to humidity or dust. So, the system has a safer structure.

Completely sealed cooling system



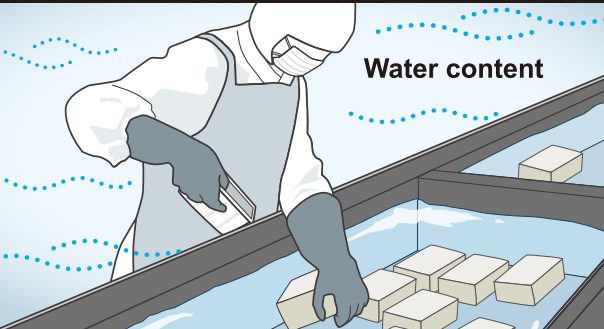
Air cooling (conventional system)



The overall system conforms to IP66.

The overall system conforms to IP66. The system needs no cooling unit and can be operated in a wide variety of environments.

Environment with large water content



Environment where powders fly easily.

