

# X-ray Inspection System

with a new X-ray sensor

**SX2-2554HW / SX2-4074HW**

**NEW**

**XrayHawk**

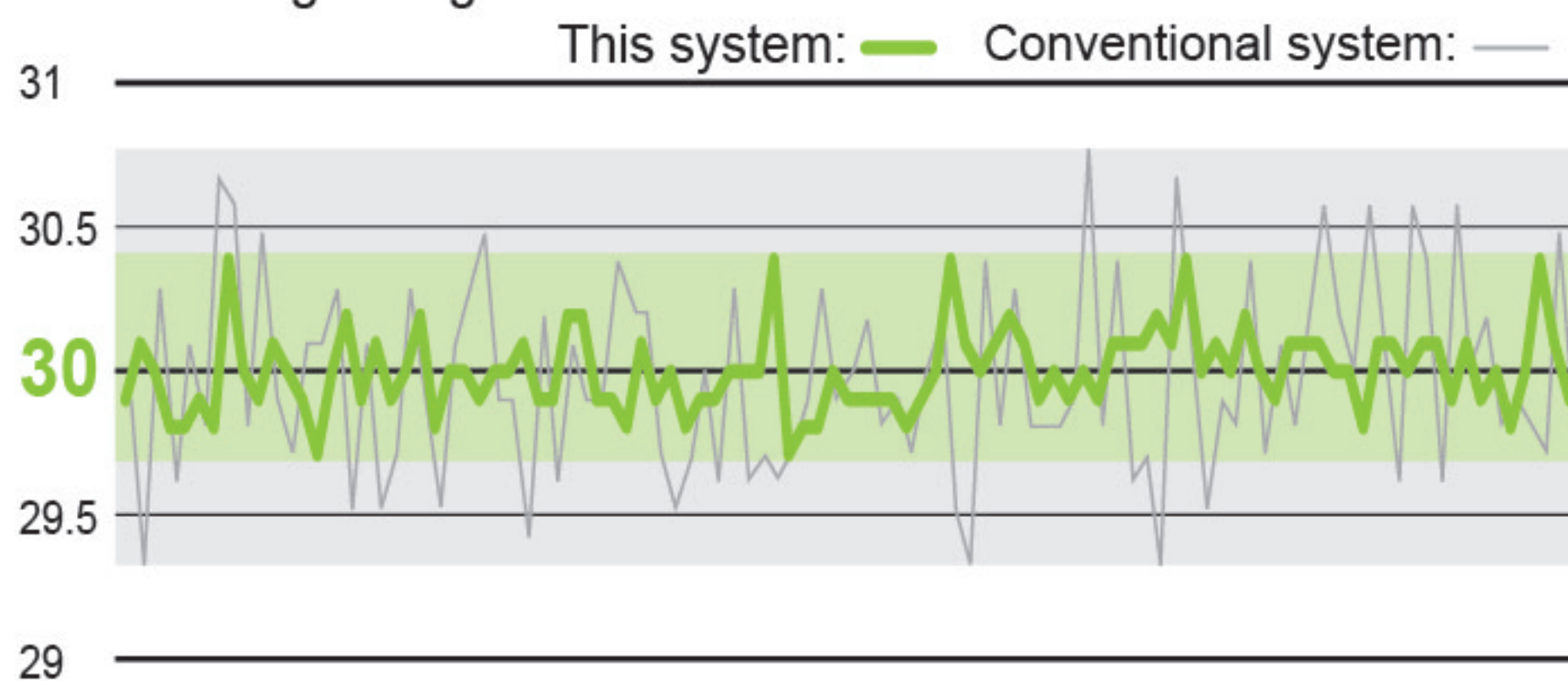


**New  
X-ray Sensor**

Relative mass inspection  
with high stability

## Stable relative mass inspection achieved even with high-speed transportation!

Comparison of dispersion in a relative mass inspection  
Reference weight: 30g



Sample product to be inspected  
Dressing in a small bag



### Application

A lightweight and large number of products such as individually-packaged ones. You can stably make a high-speed relative mass inspection which cannot be made with the Auto Checker. Furthermore, you can run the system with the X-ray output suppressed to save the energy.

### Features

Inspections of "foreign objects", "relative mass", and "shape" can be made simultaneously.

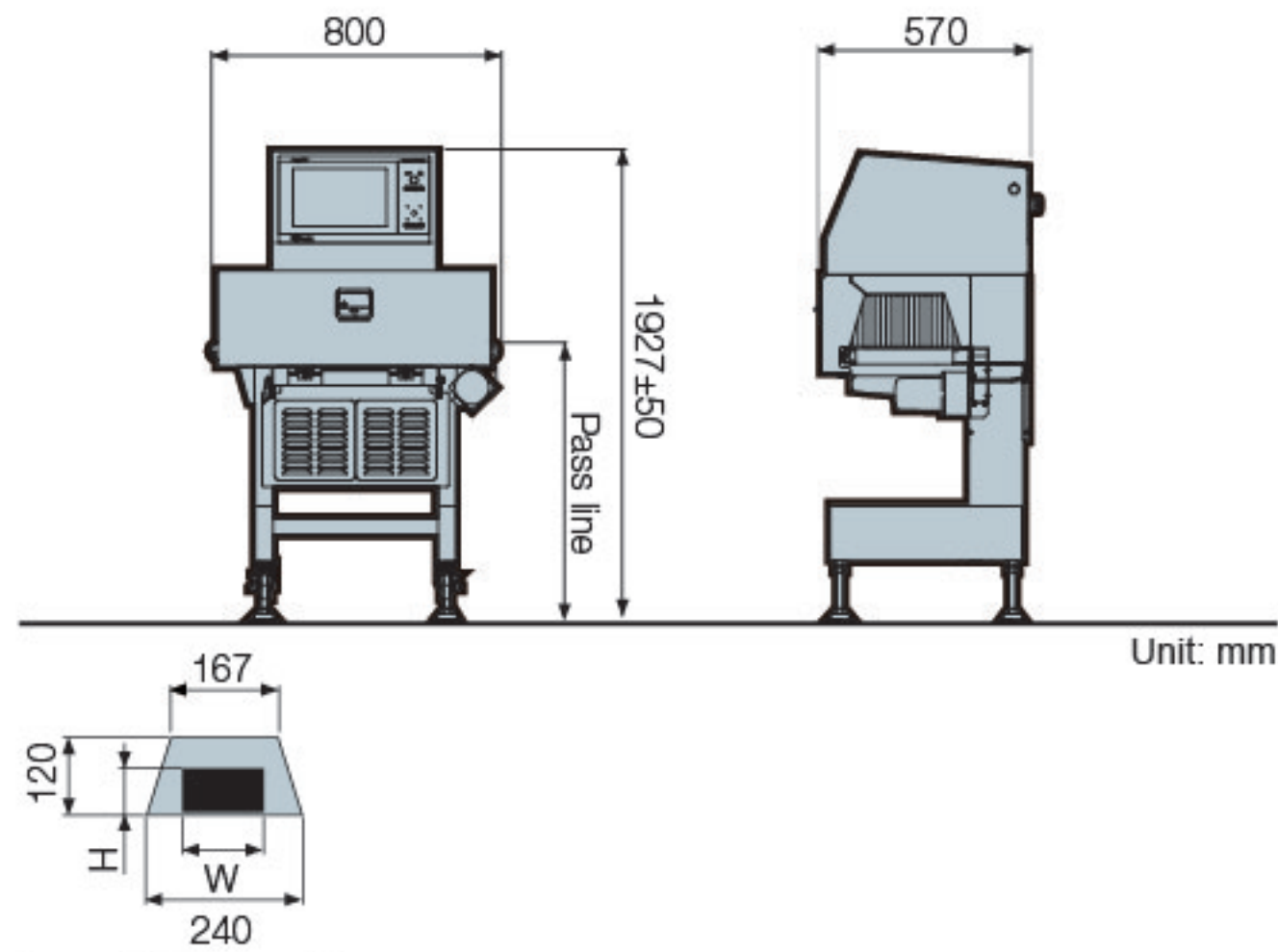
A model with the new X-ray sensor. Stable relative mass inspection is achieved compared with the conventional model SX2554W.

Stable mass inspection is available even with high processing speed.



### [Drawing and specifications]

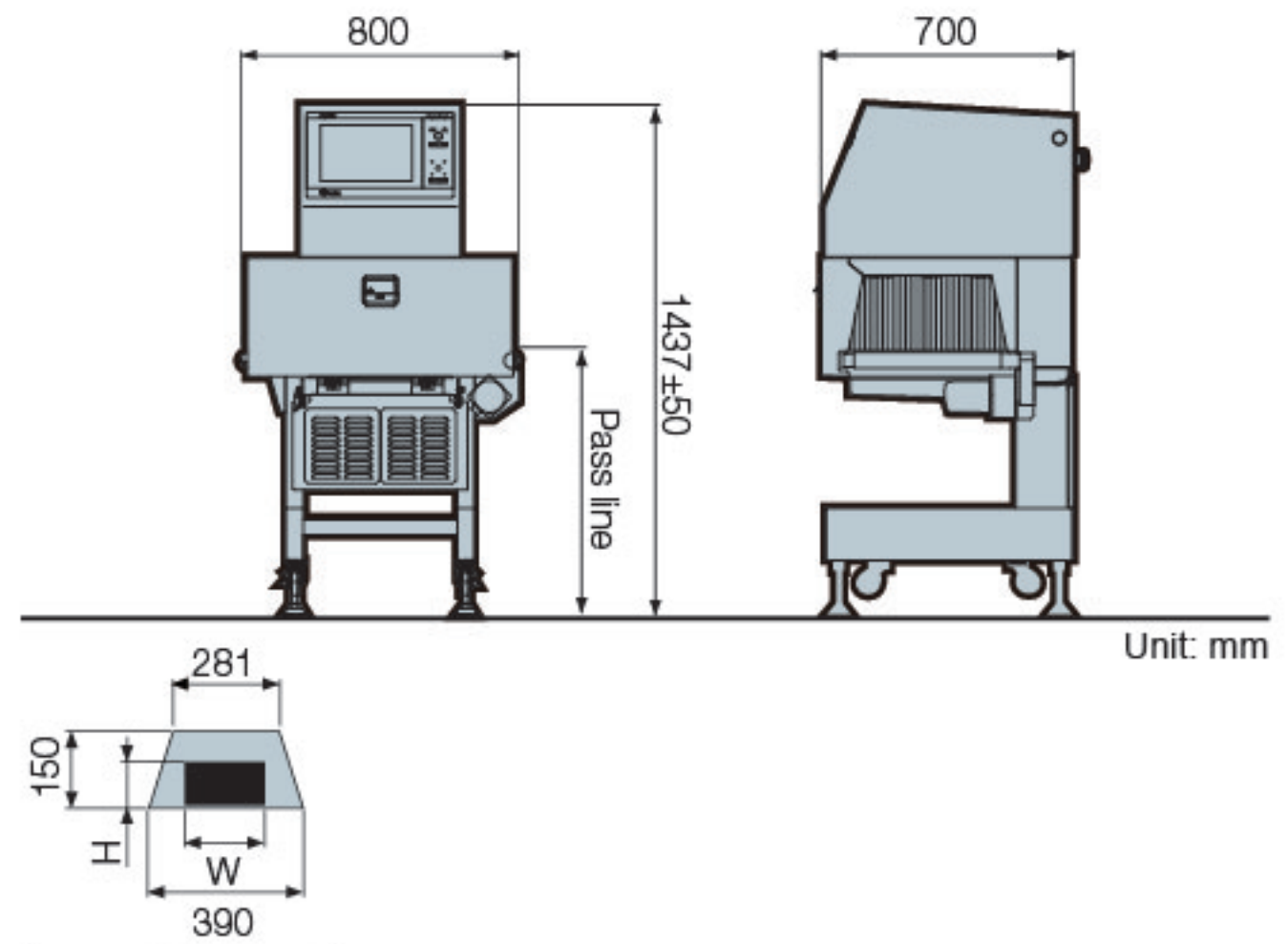
#### SX2-2554HW



[Inspectable range]

H	120	110	100	90	80	70	60	50	40	30	20	10	0
W	167	171	179	185	191	197	204	210	216	222	228	234	240

#### SX2-4074HW



[Inspectable range]

H	150	140	130	120	110	100	90	80	70	60	50	40	30	20	10	0
W	281	288	295	303	310	317	324	332	339	346	354	361	368	375	383	390

Model	SX2-2554HW	SX2-4074HW
Dimension of inspection product <sup>*1</sup>	Maximum passage width 240mm, Maximum passage height 120mm	Maximum passage width 390mm, Maximum passage height 150mm
Transport weight	5kg <sup>*1</sup>	
Transport belt speed	15 to 45m/min <sup>*2</sup>	
Belt width	270mm (without improper tracking-less function) (270mm with improper tracking-less function is optional.)	420mm (without improper tracking-less function) (420mm with improper tracking-less function is optional.)
Detection sensitivity	φ0.3mm iron or stainless ball, stone, glass, hard bone, and high density plastic pieces, etc.	
Display unit	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	
Pass line	750mm±50mm	
Max. X-ray output	Tube voltage (Max.): 50kV, Tube current (Max.): 5.0mA However, the electric power is limited to 150W.	Tube voltage (Max.): 75kV, Tube current (Max.): 8.0mA However, the electric power is limited to 300W.
Operating environment	Temperature: 0 to 35°C, Humidity: 30 to 85%, No dew condensation allowed. (It is necessary to clean the filter periodically.)	
Weight	135kg	185kg
Main power supply	AC100V±10% / AC200V±10% 1.0kVA 50/60Hz	AC100V±10% / AC200V±10% 1.5kVA 50/60Hz

<sup>\*1</sup> Varies depending on the contents of inspection. For details, contact System Square. <sup>\*2</sup> If even higher speed is needed, contact System Square.  
<sup>\*</sup> 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.

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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