

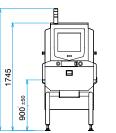
NEW IX-GN-4043

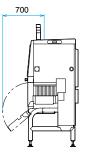
Advanced X-ray inspection with the perfect balance of high performance detection sensitivity and low operating costs

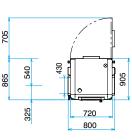
Advanced X-ray detection that strikes the balance between optimal sensitivity and economic operation. Suitable for a wide range of products, this X-ray inspection system can be adapted to virtually any application.

Dimensions in mm

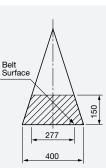
1960







Specifications		IX-GN-4043
Tunnel aperture	Width	400mm
	Height	150mm
Construction	Material	SUS304 (Polished surface – Bead blast option)
	IP Rate	Conveyor chamber: IP66 / Enclosure: IP54 (IP65, option)
Machine dimensions		800mm(L)x905mm(W)x1745mm(H) (*1) (Floor to Signal Tower: 1960mm)
Machine weight		315kg
Conveyor	Dimensions	800mm(L) x 430mm(W) (1800mm optional (L))
	Belt height	900mm +/- 50mm (*2)
	Speed	10-60m/min
	Loaded weight	5kg (higher weight is optional)
Product length		20~450mm (optional 1000mm) (*3)
Minimum spacing between products		30mm (*3)
Power supply		Single phase: AC200-240V 50/60Hz 1150W (*4)
X-ray	Tube voltage	25/30/35/40/45/50/55/60/65/70/75kV
	Tube current	1-5mA
	Output	Max: 150W
Line sensor		0.4mm
X-ray protection		Protective curtains (*5)
X-ray emissions		Machine meets local regulations
Working environment	Temperature	Maximum operating temperature 40°C
	Humidity	30-85%RH



Inspection area

The figures show the permissible inspection range. Portions of the product which are not within the shaded area are not irradiated.

Product Size (mm)			
Height (*6)	Width		
0	400		
10	391		
20	383		
30	375		
40	367		
50	359		
60	351		
70	342		
80	334		
90	326		
100	318		
110	310		
120	302		
130	294		
140	285		
150	277		

Design and specifications are subject to change without notice. (*1) This dimension shall be applied in case of 900mm belt height.

(*2) Other heights optional.

(*3) This dimension should be followed under Snap-Mode only.

In case of Bulk-Mode, not applied. (*4) 500W is applied in case of no specific ancillary.

(*) Soow is applied in case of no specific anomaly.(*5) The material of protection curtain is tungsten, and curtain is detachable.

(*6) The inspection width against the height is approximate value.





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Ishida Global standard X-ray series



Benefits of an X-ray inspection system

X-ray inspection has several key benefits, especially for food producers, that are fundamentally linked to safety and quality:



Brand protection

Customers will trust the product

Food safety

The food is free of foreign bodies and safe to eat

Cost savings due to no product recalls and customer complaints

• Fewer recalls and customer complaints lead to less fines



Can do much more than just finding foreign bodies:

- Counting components
- Weight estimation
- Checking fill level
- Detecting flaws such as missing or broken items
- Measuring product size
- Sealing control

All these functions in one machine lead to a cost-effective and efficient performance



Ishida X-ray integrated solutions

Our systems are ergonomically designed, from the reject bin position to the different types of reject units, to be easily integrated into your production line without disruption.

Examples of uniform products









Examples of complex products





Cereals



Teflon, PVC





A group of products that are standardized or identical.

** Products which include different thicknesses, are overlapping etc.

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High density and

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Meat

Stainless Steel

Ferrous/Non-ferrous

ISHIDA SWITZERLAND