

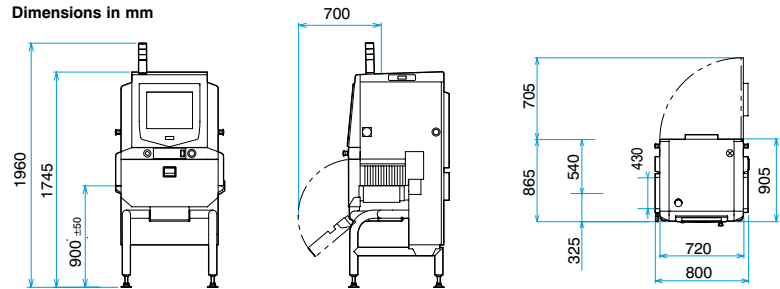


# NEW IX-GN-4044A

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



Specifications		IX-GN-4044A
Tunnel aperture	Width	400mm
	Height	220mm
Construction	Material	SUS304 (Polished surface – Bead blast option)
	IP Rate	Conveyor chamber: IP66 / Enclosure: IP65
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	1-8mA
	Output	Max: 300W
Line sensor		0.3mm
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
160	269
170	261
180	253
190	245
200	236
210	228
220	220

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) 1150W is applied in case of no specific ancillary.  
 (\*5) The material of protection curtain is tungsten, and curtain is detachable.  
 (\*6) The inspection width against the height is approximate value.



# 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:

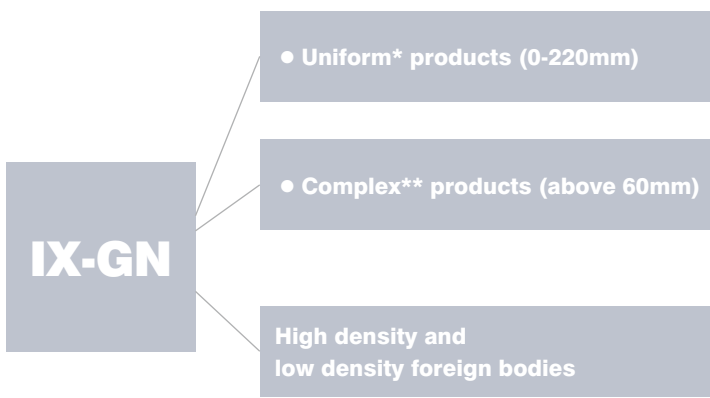
- Counting components
- Weight estimation
- Checking fill level
- Detecting flaws such as missing or broken items
- Measuring product size
- Sealing control

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



## Ishida X-ray integrated solutions

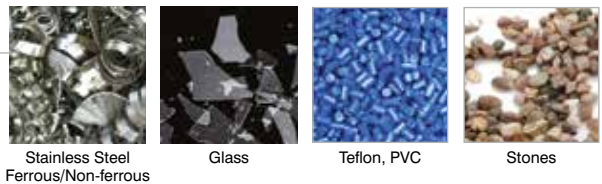
Our systems are ergonomically designed, from the reject bin position to the different types of reject units, to be easily integrated into your production line without disruption.



### Examples of uniform products



### Examples of complex products



\* A group of products that are standardized or identical.

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

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