

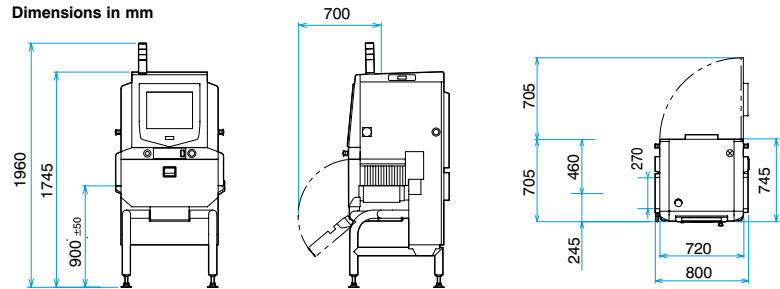


# NEW IX-GN-2444

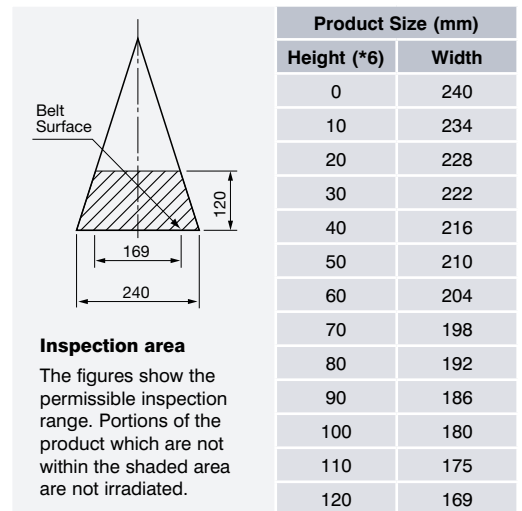
Advanced X-ray inspection with the perfect balance of high performance detection sensitivity and low operating costs

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-2444
Tunnel aperture	Width	240mm
	Height	120mm
Construction	Material	SUS304 (Polished surface – Bead blast option)
	IP Rate	Conveyor chamber: IP66 / Enclosure: IP65
Machine dimensions		800mm(L)x745mm(W)x1745mm(H) (*1) (Floor to Signal Tower: 1960mm)
Machine weight		285kg
Conveyor	Dimensions	800mm(L) x 270mm(W) (1800mm optional (L))
	Belt height	900mm +/- 50mm (*2)
	Speed	10-60m/min (optional 90m/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



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.  
 (\*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:

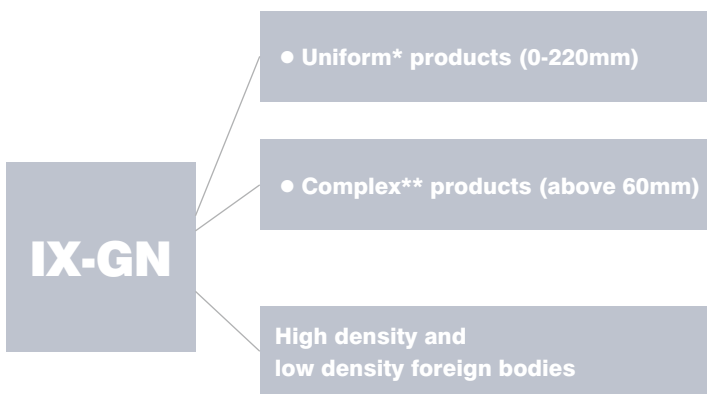
- Counting components
- Weight estimation
- Checking fill level
- Detecting flaws such as missing or broken items
- Measuring product size
- Sealing control

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



## Ishida X-ray integrated solutions

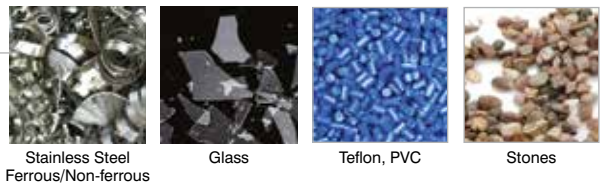
Our systems are ergonomically designed, from the reject bin position to the different types of reject units, to be easily integrated into your production line without disruption.



### 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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