

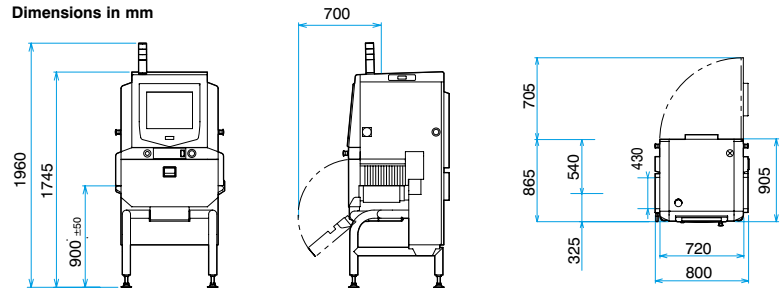


NEW IX-GN-4044

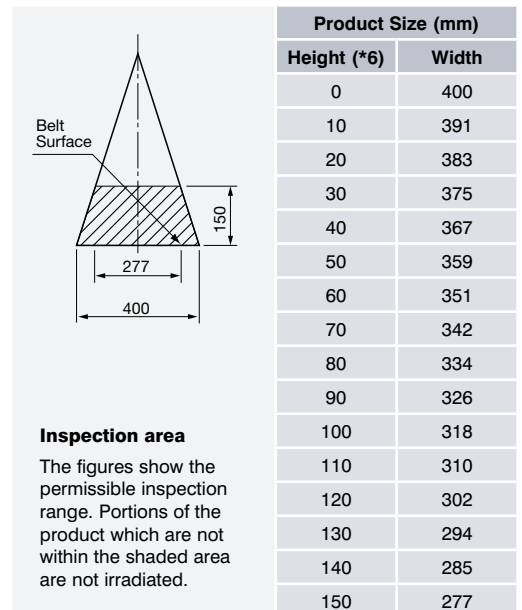
Advanced X-ray inspection with the perfect balance of high performance detection sensitivity and low operating costs

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-4044
Tunnel aperture	Width	400mm
	Height	150mm
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



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.



* A group of products that are standardized or identical.
 ** Products which include different thicknesses, are overlapping etc.

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