

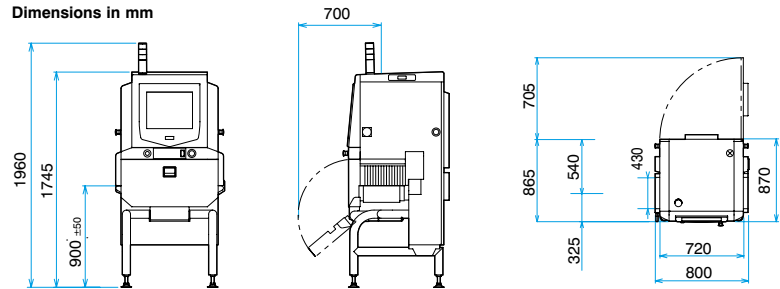


NEW IX-EN-4093

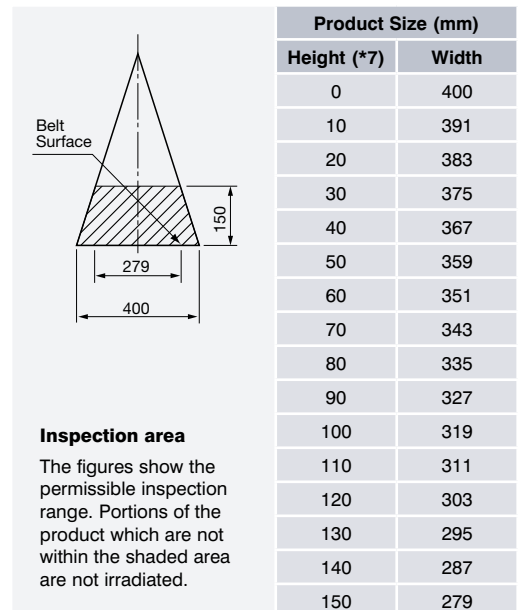
Versatile X-ray inspection with the perfect balance of great sensitivity and low operating costs

X-ray detection that boasts optimal sensitivity in a cost-effective system. Designed with enhanced inspection technology, this system gives an unrivalled return on investment.

Dimensions in mm



Specifications		IX-EN-4093
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)x870mm(W)x1745mm(H) (*1) (Floor to Signal Tower: 1960mm)
Machine weight		290kg
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 500W (*4)
X-ray	Tube voltage	30/35/40/45/50/55/60/65/70/75kV
	Tube current	1-3mA
	Output	Max: 150W
Line sensor		0.4mm
X-ray protection		Protective curtains (*5)
X-ray emissions		Machine meets local regulations
Working environment	Temperature	0-33°C (*6)
	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.

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) If the room is hotter than 33°C, the air conditioner shall be arranged as a chargeable option. In this case, the maximum temperature is 40°C.
 (*7) 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.



- Thin products (0-50mm) - XX62/63
- High density and low density foreign bodies
- Thick products (50-120mm) - XX93
- High density and low density foreign bodies

Examples of thin products

Chocolate bars	Cereal bars	Sliced cheese	Dried Fruits
Stainless Steel Ferrous/Non-ferrous	Glass	Rubber	Teflon, PVC

Examples of thick products

Bread	Yoghurt pots	Pastry	Cake
Stainless Steel Ferrous/Non-ferrous	Glass	Stones	

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