



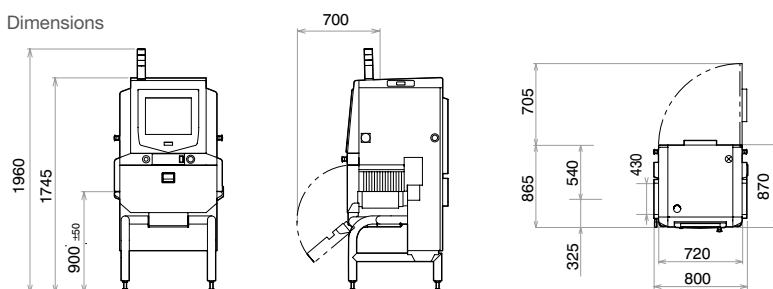
IX-EN-4093

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.

- ▲ Reliable inspections suitable for uniform products
- ▲ Easy to set up and integrate into your production line
- ▲ User-friendly 15" touch screen control

Dimensions



Specifications

IX-EN-4093

Tunnel aperture	Width	400mm
	Height	150mm
Construction	Material	SUS304 (Polished surface)
	IP Rate	Conveyor chamber: IP66 / Enclosure: IP54 (IP65, option) (*1)
Machine dimensions		800mm(L) x 870mm(W) x 1745mm(H) (*2) (Floor to Signal Tower: 1960mm)
Machine weight		290kg
Conveyor	Dimensions	800mm(L) x 430mm(W) (1800mm optional (L))
	Belt height	900mm +/- 50mm (*3)
	Speed	10-60m/min (*4)
	Loaded weight	5kg (higher weight is optional) (*4)
Product length		20~450mm (optional 1000mm) (*5)
Minimum spacing between products		30mm (*5)
Power supply		Single phase: AC200-240V 50/60Hz 500W (*6)
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 (*7)
X-ray emissions		Machine meets local regulations
Working environment	Temperature	0-33°C (*8)
	Humidity	30-85%RH

Ishida Europe pursues a policy of continual improvement due to technical development. We therefore reserve the right to deviate from information and specifications in this publication without notice.

(*1) Except the cooling unit.

(*2) This dimension shall be applied in case of 900mm belt height.

(*3) Other heights optional.

(*4) In the case where higher weight or speed options are selected other specifications may vary.

(*5) This dimension should be followed under Snap-Mode only. In case of Bulk-Mode, not applied.

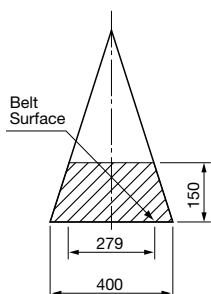
(*6) There are cases that input voltage is fixed depending on integrated rejector unit or optional unit. 500W is applied where there is no specific ancillary.

(*7) The material of protection curtain is tungsten, and curtain is detachable.

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

Technical information is based upon information available at the time of Print - 05/2018. Confirmation is provided via Sales enquiry. Photographs and application shots may not be exact representations.

Ishida Global standard X-ray series



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 (*1)	Width
0	400
10	391
20	383
30	375
40	367
50	359
60	351
70	343
80	335
90	327
100	319
110	311
120	303
130	295
140	287
150	279

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

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.

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

