

IX-EN-2493

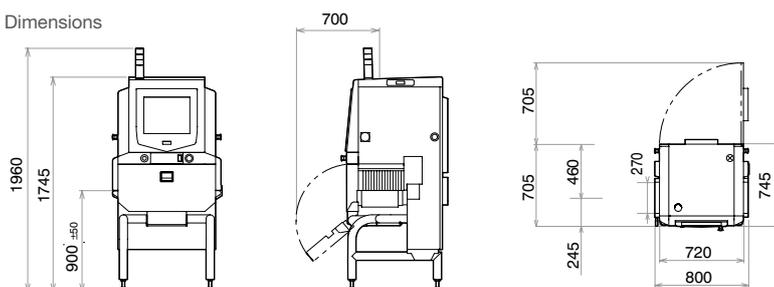
Latest X-ray inspection technology offers an easy investment choice to entry level users

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-2493

Tunnel aperture	Width	240mm
	Height	150mm
Construction	Material	SUS304 (Polished surface)
	IP Rate	Conveyor chamber: IP66 / Enclosure: IP54 (IP65, option) (*1)
Machine dimensions	800mm(L) x 745mm(W) x 1745mm(H) (*2) (Floor to Signal Tower: 1960mm)	
Machine weight	265kg	
Conveyor	Dimensions	800mm(L) x 270mm(W) (1800mm optional (L))
	Belt height	900mm +/- 50mm (*3)
	Speed	10-60m/min (optional 90m/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

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(*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.

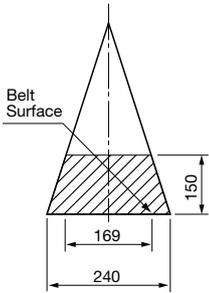
(*6) There are cases that input voltage is fixed depending on integrated rejector unit or optional unit. 500W is applied where there is no specific ancillary.

(*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 - 06/2018. 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	240
10	233
20	226
30	219
40	212
50	206
60	199
70	192
80	185
90	179
100	172
110	165
120	158
130	152
140	145
150	138

(*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

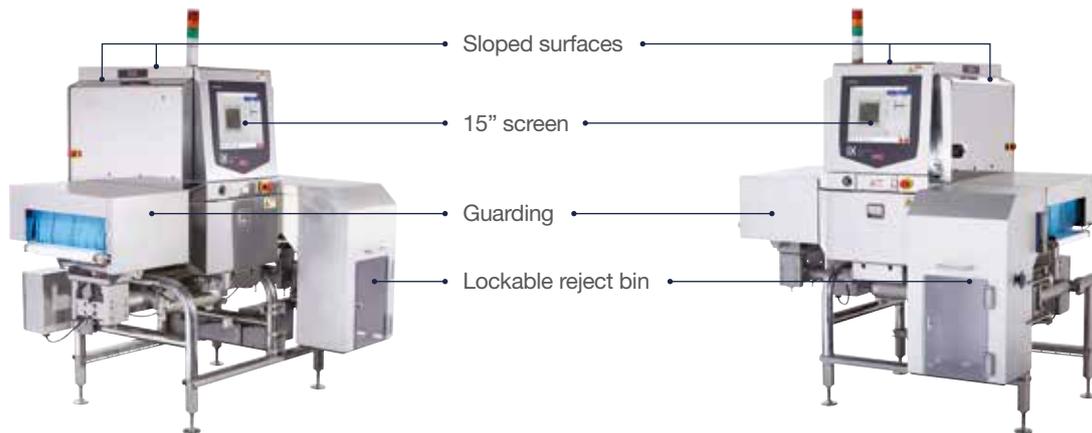
Cost savings due to no product recalls and customer complaints

- ▲ 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



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