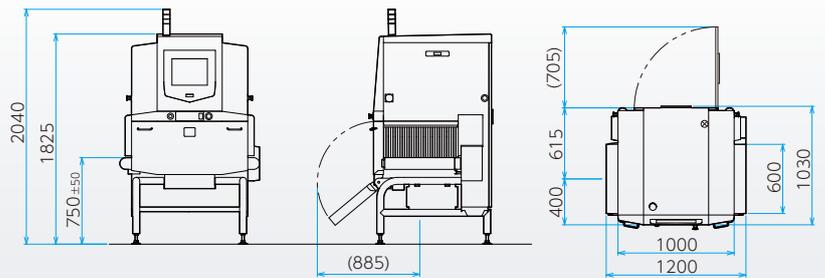# ISHIDA

IX-EN-5592

X-ray detector for large sized products, latest sophisticated technology with less total cost of ownership

This X-ray detector, designed to mainly handle large and heavy applications, requires minimum investment from the customer without losing sensitivity.

Dimensions

*Dimensions vary with the application

Specifications		IX-EN-5592
Tunnel Aperture	Width	550mm
	Height	270mm
Construction	Material	Stainless Steel 304
	IP Rate	Conveyor chamber: IP66 Enclosure: IP54 (IP65, option)
Conveyor dimensions		1200mm(L)x600mm(W)
Conveyor	Speed	Product weight 25kg : 5-30m/min, Product weight 5kg : 10-60m/min
	Loaded Weight	25kg
Product length		1000mm
Minimum spacing between products		30mm
Power supply		Single phase: AC200-240V 50/60Hz 1150W (*1)
X-ray	Tube voltage	30-90kV
	Tube current	1.0-3.0mA
	Output	Max: 150W
X-ray emissions		1micro Sv/h or less
Machine weight		500kg
Working environment	Temperature	0-33°C (*2)
	Humidity	30-85%RH

Design and specifications are subject to change without notice.
(*1) 1150W is applied where there is no specific ancillary.
(*2) If the room is hotter than 33°C, an air conditioner will be arranged subject to an additional charge. The maximum temperature permitted is 40°C.

ISHIDA Global standard X-ray series

ISHIDA works closely with food manufacturers and processors to ensure that they can meet the strictest guidelines set by quality-conscious retailers. ISHIDA X-ray inspection systems provide vital information with the greatest accuracy and reliability to alert you when foreign bodies are contaminating your product.

Precise and reliable inspection

IISHIDA patented Genetic Algorithm (GA) image processing delivers superior inspection accuracy. In addition to the flexible customization options for GA setting creation, many typical GA settings are already stored on the machine. Up to two (2) different GA settings can exist at the same time.
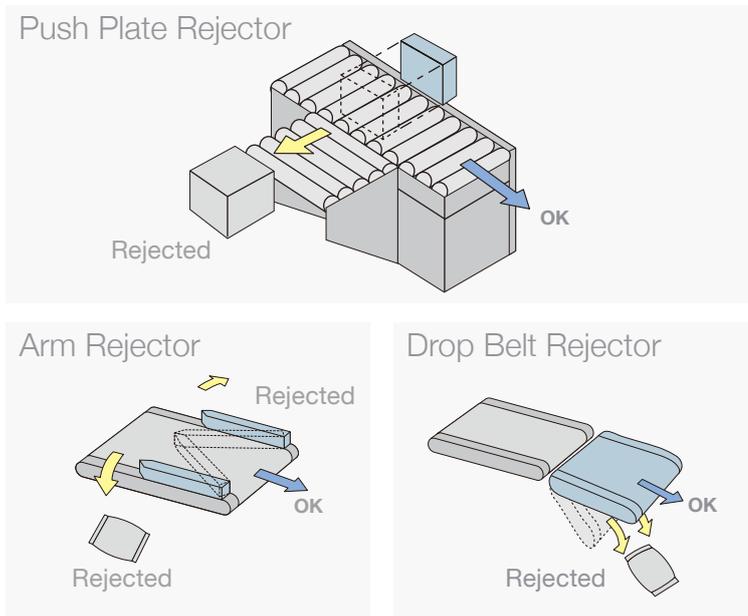
User-friendly operation with Fail-safe feature

The 15" color touch display with 3D icons enables intuitive machine operation in addition to well-organized production data output. Also, even if the Rejector breaks down, Fail-safe rejects all products in the system so that NG products do not get mixed with OK products.

15" sized color touch display
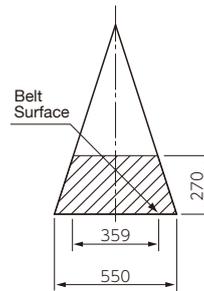
Simple machinery maintenance

Dust-tight stainless steel body construction with IP65 fits in any environments.
Open framework provides easy access for sanitation and improves efficiency by simplifying product changeover.

Rejector lineup

Push Plate Rejector

Rejected

OK

Arm Rejector

Rejected

OK

Rejected

* Conveyor belt width is 400mm.

Drop Belt Rejector

Rejected

OK

Rejected

* Conveyor belt width is 400mm.

Inspection area

The figures below show the permissible inspection range. Portions of the product which are not within the shaded area are not irradiated.

Belt Surface

270

359

550

Product size

Unit: mm

Height	Width	Height	Width
0	550	160	437
10	542	170	430
20	535	180	423
30	528	190	416
40	521	200	409
50	514	210	402
60	507	220	395
70	500	230	388
80	493	240	381
90	486	250	373
100	479	260	366
110	472	270	359
120	465		
130	458		
140	451		
150	444		

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