



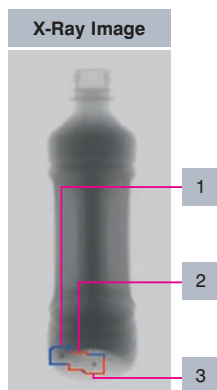
IX-GA-B3043

Ishida Bottle X-ray inspection system IX-GA-B3043 delivers the highest level of inspection performance for bottled products

- Achieves class leading sensitivity
- Easy-to-install in existing production lines
- Automatic bottle pitch control
- The unique way that the Ishida side beam is designed means that no protective curtains are needed, ensuring perfect product transition

Target Product

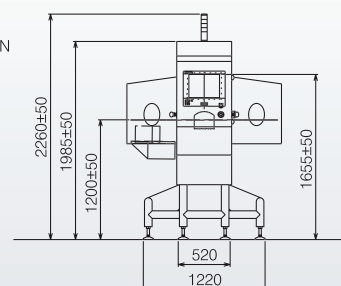
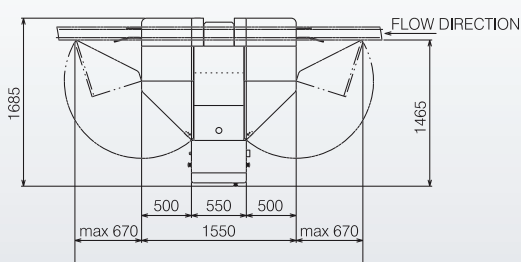
- Bottle (PET) • Drink Carton • Stand Pouch



Inspection result: 500ml PET Bottle

1	Aluminium Ball	3.0
2	SUS Ball	0.7
3	Glass Ball	3.0

Dimensions



Specifications	IX-GA-B3043
X-ray tube voltage	25/30/35/40/45/50/55/60/65/70/75kV
X-ray tube current	1 - 8.0mA
X-ray output	MAX. 300W
Width	MAX. 150mm
Height	MAX. 310mm
Conveyor type	Turn table
Speed	10 - 45 m/min.
Dimensions	W: 1550 x L: 1685 x H: 2260mm
Cooling method	Hermetical air cooling
Protective construction	Conveyor unit: IP66
Power supply	Single phase AC 200-240V 50/60Hz

Design and specifications are subject to change without notice. *Depends on product shape, product density, target weight etc

IX-GA X-ray inspection system features and benefits

Ishida IX-GA Systems offer the benefits of state-of-the-art X-ray inspection, including all aspects of contaminant detection and product integrity checking. These advanced systems perform with the accuracy, efficiency and reliability expected of a leading-edge engineering firm with well over a century of food industry experience and a worldwide installed base.

Detecting the full range of contaminants

The Ishida IX-GA will detect metal, glass, bone, shell, grit, plastic and hard rubber. Small contaminant detection is a particular strength and Ishida's GA (Genetic Algorithm) proprietary image-processing software can be quickly programmed by the operator to consistently and reliably pick up low density contaminant.

Linking seamlessly into your data systems

The IX-GA system provides you with secure, retrievable records. Operation logs and images are automatically stored with a time stamp. All data can be saved to a CF card, and are accessible using standard PC applications. The system has an Ethernet option for integration into your wider quality and traceability systems.

Offering the highest levels of operator and product safety

X-ray output is contained within the inspection tunnel and no protection curtain is required. All emissions are instantly halted by any intrusion or breach. Inspection causes little X-ray absorption, and products are not changed or denatured. As an extra safety feature, any packs in the tunnel at start-up are automatically rejected.

Simple operation, low maintenance

Operation, via a colour touchscreen, is extremely simple and easy to learn. Settings can be automatically optimised simply by passing a test product through the machine, and routine recalibration is not required. The system is designed to speed up product changeovers by facilitating rapid cleaning, while the sealed construction of its vital parts resists dust and moisture, ensuring long-term accuracy and reliability.



Dust and moisture resistant design



Simple operation with rapid changeovers



Extra-sensitive detection (GA algorithm)



Fast, tool-free access for cleaning

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