



# IX-G2-4027-H

Ishida's second generation X-ray inspection system achieves superior performance

Ishida's G2 offers; superior brand protection and quality control; our state of the art energy analysis offers supreme detection sensitivity. The advanced G2 performs to the highest accuracy, efficiency and reliability to deliver a sustainable return on investment. Ishida is a well respected leading edge X-Ray Manufacturer with well over a century of food industry experience resulting in a very large global installed product base.

## Detecting the full range of contaminants

The G2 technology enables higher detection rates for calcified bones, stones, shells and of course metals, glass, and dense plastics like rubber, improving the accuracy with which contaminants can be found, especially soft contaminants where the products can overlap.

## Simple operation, low maintenance

Operation, via a 17" colour touchscreen, is extremely intuitive resulting in easy to learn and use, saving time in training and day to day operation. Settings can be automatically optimised and routine recalibration is not required, removing the need to stop the machine reducing production downtime. The system is designed to speed up product changeovers by facilitating rapid tool less cleaning, while the sealed construction of its vital parts resists dust and moisture, ensuring long-term accuracy, reliability and reducing operational costs.

## Quality Control

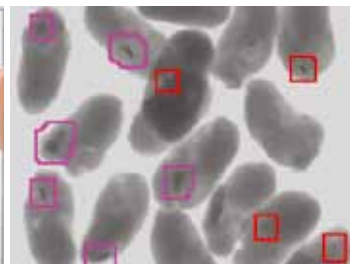
Simultaneously check for fill level, missing items, damaged products, weight estimation and package integrity to protect your brand reputation and increase customer satisfaction.

## Linking seamlessly into your data systems

The IX-G2 system provides you with secure data integrity as all records can be easily retrieved. Peace of mind is also important particularly with regard to the storage of data, operational logs and images all of which are automatically stored with a date/ time stamp making the auditing process easier. All data can be saved and is accessible using standard PC applications. The system has an Ethernet option for integration into your enterprise wide quality and traceability systems.

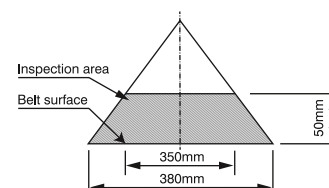
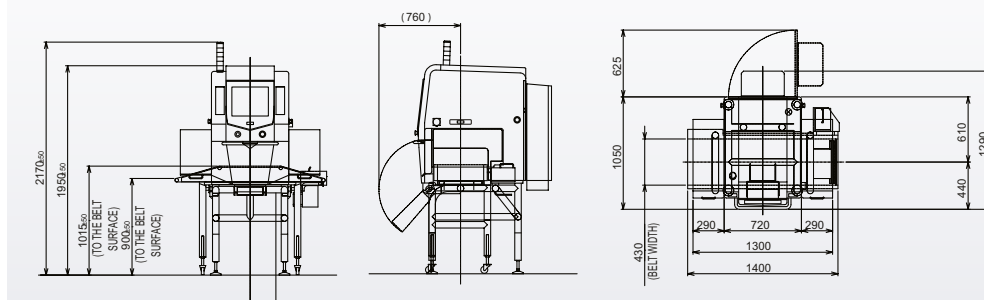
## Not just another machine

120 years of supplying weighing and quality control equipment within an ever changing global market demonstrates Ishida's continuous approach to innovation and our ongoing commitment in providing our customers with industry leading product solutions. Ishida also brings a wealth of experience, global service support network, training and a customer focussed approach. You are not just buying a machine for your application you are buying an Ishida machine, a machine you can rely upon from a company that you can rely upon for now and in the future.



# IX-G2 Dimensions and Specifications

## Dimensions - IX-G2-4027-H



### Inspection area

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

| Height* | Width     |
|---------|-----------|
|         | IX-G2-247 |
| 0mm     | 380mm     |
| 10mm    | 382mm     |
| 20mm    | 374mm     |
| 30mm    | 366mm     |
| 40mm    | 358mm     |
| 50mm    | 350mm     |

\*The inspection widths against the height are approximate values.

| Item                               |        | Specification                                                               |
|------------------------------------|--------|-----------------------------------------------------------------------------|
| <b>Model</b>                       |        | <b>IX-G2-4027-H</b>                                                         |
| Inspection range                   | Length | 20 to 450mm (snap mode) Interval between inspection objects: 30mm           |
|                                    | Width  | 390mm                                                                       |
|                                    | Height | 50mm                                                                        |
| Inspection conveyor dimension      | Length | 1400mm                                                                      |
|                                    | Width  | 430mm                                                                       |
|                                    | Height | Height to belt 900mm (+/-50mm)                                              |
| Transfer speed                     |        | 5 to 41 m/min                                                               |
| Transfer weight                    |        | Max. 5kg (Standard)                                                         |
| X-ray output                       |        | Max. 350W / 100 kV / 5mA                                                    |
| Operating section                  |        | 17" TFT LCD Touch screen Windows-XP OS                                      |
| Number of items that can be preset |        | 100 items                                                                   |
| Machine Outside Dimension          |        | 1400mm (L) x 1290mm (D) x 2170mm (H)                                        |
| Machine weight                     |        | 470kg (excluding option)                                                    |
| Machine Material & Finish          |        | Stainless Steel (SUS304) in bead blast finish                               |
| Machine Protective construction    |        | IP66 (conveyor room) IP65 (outside conveyor room)                           |
| Cooling Method                     |        | Hermetical Air Cooling                                                      |
| X-ray protection                   |        | Protective stainless steel plate (rapidly detachable) + Protection guards   |
| X-ray leakage radiation dose       |        | 1uSv/h or less (including conveyor transfer entrance)                       |
| Power supply                       |        | Single phase AC200-240V, 50/60 Hz, +/- 10%                                  |
| Operation Enviroment               |        | Temperature: 0 to 35 degree<br>Humidity: 30 to 85%RH (without condensation) |

The specification described here is that for a single unit of equipment.



Schur Automation a/s  
Fuglevangsvej 41, 8700 Horsens  
Tel: +45 79 28 29 28  
www.schur.com - marking@schur.com