

Inspection & Measurement System

The Yamato Xray YX80 is designed for large products and cases.



From dairy items, such as blocks of cheese to boxed snack foods such as crisps and nuts, the Yamato Xray YX80 can inspect virtually any discrete packaged item or loose bulk flow that can travel by conveyor up to 400mm high by 400 mm wide.

The Yamato dual linear array ensures that every part of the product is inspected. Where contaminants can not be seen in one direction they are detected in the other orientation.

Superior contaminant identification is achieved using Yamato's exclusive capabilities for high sensitivity imaging thanks to our expertise in low energy technology, the Yamato Xray YX80 detects even thin contaminants such as metal flakes.

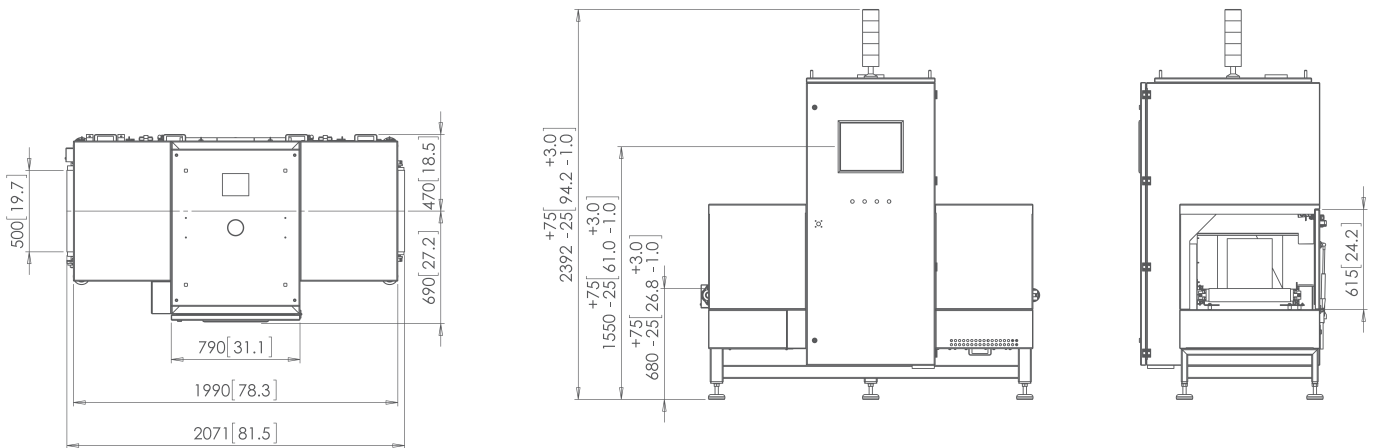
In addition to contaminant inspection, the Yamato Xray YX80 also scans for missing and broken parts, packing voids, fill levels as well as confirming count and mass.

Superior Performance

- Contaminant detection (metal, stone, glass, bone and certain plastics).
- Scanning for mass, missing or broken products.
- Detecting packing voids.
- Confirming fill levels.
- Isolating reject based on contamination or check-weigh non-conformities.

Key Features

- Dual Beam technology
- Inspects cases up to 24" wide
- Multiple configurations – trays, pouches, bulk flow, bottles and cans.
- Hygienic design, up to FSMA standard
- Quick and easy wash down
- Easy user interface and controls



Xray YX80 Specifications

Technology	Computer-controlled 'Low Energy' Technology
X-Ray Generator	Various specification from 80kV to 120kV
Conveyor Speed	0-60 m/min computer controlled
Detector Array Length	Dual detector up to 2 x 614 mm
Maximum Line Rate	2000 lines per second
Resolution	4096 grey levels per pixel
Video Display	15" colour touchscreen with real-time images and diagnostics
Calibration	Self-Calibrating during normal operation
Detection Limit	1.5 mm stainless steel typical, dependent on product
Inspection Rate	Up to 150 cases/minute
Power Requirements	110 VAC or 200-240 VAC at 1.5kVA
Dimensions (LxWxH)	2070 x 1100 x 1970 mm

Yamato – on the cutting edge

Yamato Scale has established itself as a global leader in the weighing equipment and systems industry supplying the food, chemical and heavy goods industries. On the cutting edge of multihead weighing technology. We work in partnership with our clients to offer tailored solutions, which meet their specific needs.



Yamato Scale Dataweigh (UK) Ltd.

Unit 6B, Millennium Way, Leeds, West Yorkshire LS11 5AL

T: 0113 322 1546 F: 0113 350 2020 E: sales@yamatoscale.co.uk

www.yamatoscale.co.uk