

Innovative Automatic Inspection

The Yamato Xray YX20 represents the most innovative offering in the field of automatic inspection.



Approved inspection suppliers and compliant to BRC, Tesco and M&S standards, the Yamato Xray YX20 series is our most sought after and adaptable system with a wide range of capabilities.

Superior contaminant identification is achieved using Yamato's exclusive capabilities for high sensitivity imaging thanks to our expertise in low energy technology.

Yamato's Xray YX20 combines advanced linear array technology with inspection algorithms proven for the most difficult inspections.

Superior Performance

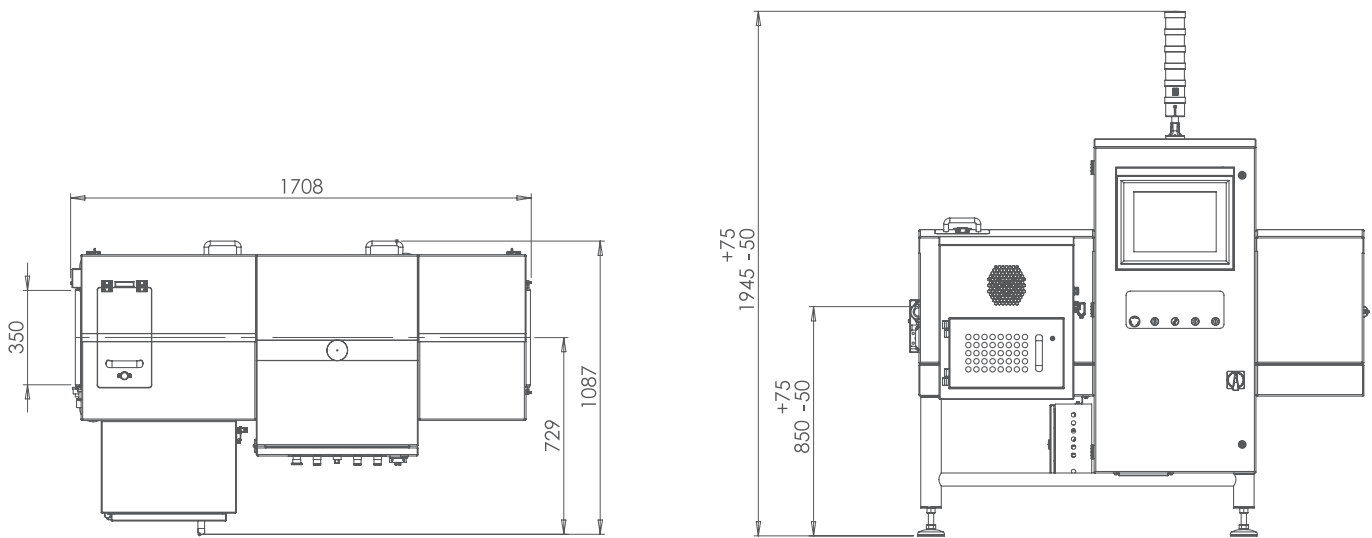
- Contaminant detection (metal, stone, glass, bone and certain plastics).
- Scanning for mass, missing or broken products.
- Detecting packing voids.
- Isolating reject based on contamination or check-weigh non-conformities.

Adaptable Configuration

- Flexible layout
- Available in curtainless configurations
- Binless, single or double reject bin options
- Integrated checkweigher option
- Seal verification option
- Standard and IP69K design

Key Features

- Low cost of ownership
- Adaptable ergonomic design
- Inspects wide product range including bulk flow
- Hygienic design, up to FMSA standard
- Quick and easy wash down
- Easy user interface and controls
- 24-hour worldwide system support



Xray YX20 Specifications

Technology	Computer-controlled 'Low Energy' Technology
X-Ray Generator	Various specifications from 40kV to 70kV
Conveyor Speed	0–100 m/min computer controlled
Detector Array Length	Up to 358 mm
Maximum Line Rate	4000 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	0.4–1.2 mm stainless steel typical, dependent on product
Inspection Rate	Up to 400 packs/minute
Power Requirements	110 VAC or 200-240 VAC at 500VA
Dimensions (LxWxH)	1610 x 890 x 1475 mm or 2340 x 890 x 1475 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.



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