LOMA SYSTEMS

Best in class detection X-ray Inspection System for the food and packaging industry. Engineered for tough environments and designed for lower maintenance and a great lifetime cost of ownership.

- **Detection Performance** New AAT technology offer market leading detection performance
- **Versatile** Models and reject systems to suit a wide range of packaged product
- **Unique** Quick belt release mechanism for easy cleaning and maintenance
- **Easy to use** Intuitive full colour icon driven touch-screen
- **Sensitive** Simple Calibration routine automatically optimises detection performance
- **Groundbreaking** New X-ray generator design featuring an 18W Eco Mode
- **Long-lasting** High efficiency heat exchanger ensures extended X-ray tube life
- **Prevention** Designed especially to prevent water collection and improve drying times

*image for illustration purposes only

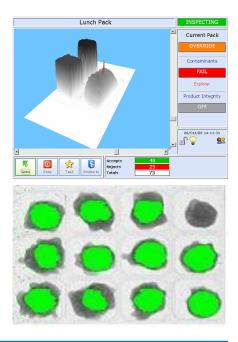**Metal Detection**   **Checkweighers**   **X-ray Inspection**   **Services**

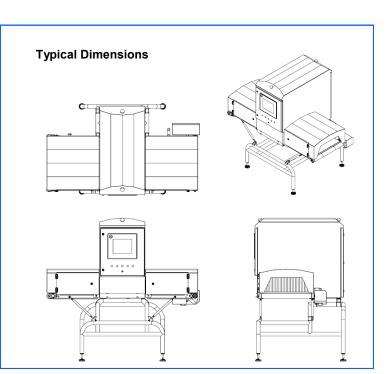an ITW company

Designed to Survive

Finish:	304 stainless steel with brushed finish
Typical Line Height:	900mm ± 50mm
System Length:	2000mm
Belt Width:	300/500/600mm
Maximum Pack Weight:	25kgs
Supply Voltages:	230/1ph/50Hz N+E or 110/1ph/60Hz N+E
Air Supply:	5 to 8 bar
Reject Options:	Signal only, Air Blast—single or twin, Pusher and others to order
Environment:	IP66 as standard, NEMA 4X
Belt Type:	Flat (food quality) belt
Standard Inclusions:	Quick release belt, Height adjustable feet, Mass Measurement, Missing product, Shape recognition, Image and report archiving, Hinged interlocked covers, Variable speed
Options:	Reject confirmation, Bin full sensing, Reject bin, Survey meter, Remote diagnostics, Lockable wheels, LomaEnet, Modem,

Technical Specification

- AAT (Adaptive Array Technology) tailors resolution, depth and scaling to give the best detection performance for any product requiring inspection

- Industrial Grade PC with Ethernet and front access USB port

- Embedded Windows XP operating system

- Digitally controlled WASC (Wide Angle, Self Cooled) high performance X-ray tank. (Tube life estimated at 7 to 10 years)

- Computer vision system utilising image processing and morphological techniques

- Pass Key protected set-up

- USB Report and image archiving

- Full diagnostic and system health monitoring with date and time stamp archiving, including remote support tools

- Usage monitoring with planned maintenance prompts

- Modular system with digital communications between major sub systems

Typical Dimensions

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Issue 1013/01

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