



X⁵ SpaceSaver X-ray Inspection Systems

www.loma.com

Versatile, proven X-ray detection for the food and packaging industries



- **Wash down** Rounded, sloping surfaces ensure that food particles and wash-down droplets cannot accumulate
- **AAT** Adaptive Array Technology allows the diode pitch to be tailored for best detection performance
- **Sensitive** High performance, auto configuring contaminant detection algorithms
- **Fast** Belt speeds up to 75 m/min with optimum performance
- **Reliable** Heavy duty conveyor components, built for 24/7 operation
- **Easy to use** Intuitive full colour touch-screen

Metal Detection

X-ray Inspection

Checkweighers

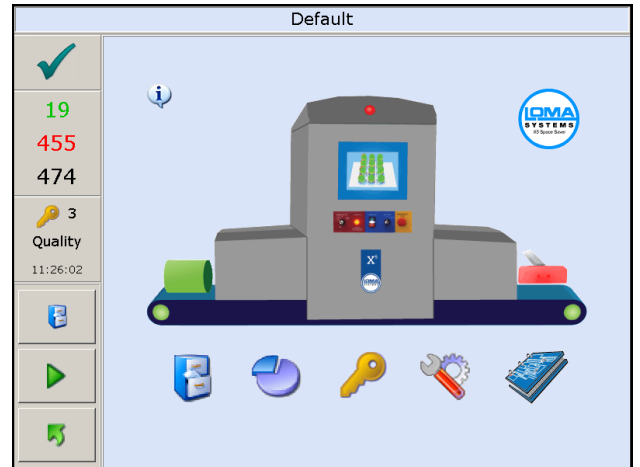
Data Capture

Designed to Survive



X-ray Inspection Systems

Finish:	304 stainless steel with brushed finish
Typical Line Height:	900mm ± 50mm
System Length:	1000mm
Belt Width:	300/500mm
Maximum Weight:	6Kg
Supply Voltages:	230/1ph/50Hz N+E or 110/1ph/60Hz N+E
Air Supply:	5 to 8 bar
Reject Options:	Signal only
Environment:	IP 66
Belt Type:	Flat (food quality) belt
Standard Inclusions:	Height adjustable feet, Missing product, Image and report archiving, Hinged interlocked covers, Variable speed
Options:	Reject confirmation, Bin full sensing, Survey meter, Remote diagnostics, Lockable wheels, LomaEnet



Intuitive mimic touch screen ensures ease of use

Technical Specification

Industrial Grade PC with modem, Ethernet and front access USB port

Windows Embedded Standard (WES) operating system

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

Unique USB high speed, high stability, detector array with 0.4mm diode pitch with AAT

Computer vision system utilising image processing and morphological techniques

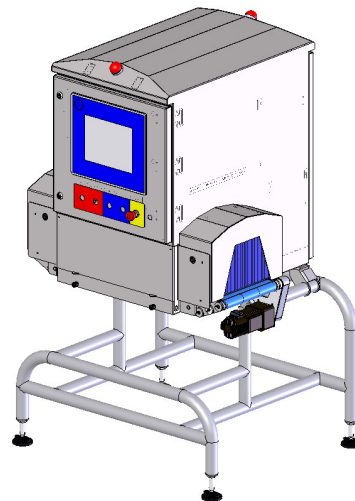
Pass Key protected set-up

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 speed digital communications between major components



Loma Systems, Summit Ave, Southwood, Farnborough, Hampshire, GU14 0NY

Tel: +44 (0)1252 893300

Fax: +44 (0)1252 513322

Email: sales@loma.co.uk



Version 00115094

Designed to Survive