



X⁴ SideShoot X-ray Inspection Systems

www.loma.com

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



- **Versatile** Models and reject systems to suite a wide range of packaged product
- **Easy to use** Intuitive full colour touch-screen
- **Sensitive** High performance, auto configuring contaminant detection algorithms
- **Fast** Capable of pack rates in excess of 600ppm
- **Reliable** Heavy duty conveyor components, built for 24/7 operation

Metal Detection

X-ray Inspection

Checkweighers

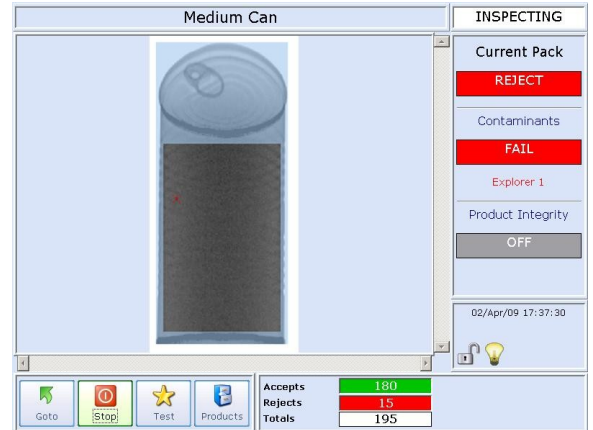
Data Capture

Designed to Survive



X⁴ SideShoot X-ray Inspection Systems

Finish:	304 stainless steel with bead blast finish	
Typical Line Height:	900mm ± 50mm	35" ± 2"
System Length:	2830mm	111"
Belt Width:	200mm	8"
Supply Voltages:	230/1ph/50Hz N+E or 110/1ph/60Hz N+E	
Air Supply:	5 to 8 bar	80 to 100 psi
Reject Options:	Signal only	
Environment:	IP 55	NEMA 12
Belt Type:	Modular	
Standard Inclusions:	Height adjustable feet, Image and report archiving, Hinged interlocked covers, Variable speed	
Options:	Reject confirmation, Bin full sensing, Survey meter, Remote diagnostics, Lockable wheels, LomaEnet, IP66 washdown	



Technical Specification

Industrial Grade PC with modem, Ethernet and front access USB

Windows XP 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 0.8mm diode pitch

Computer vision system utilising image processing and morphological techniques

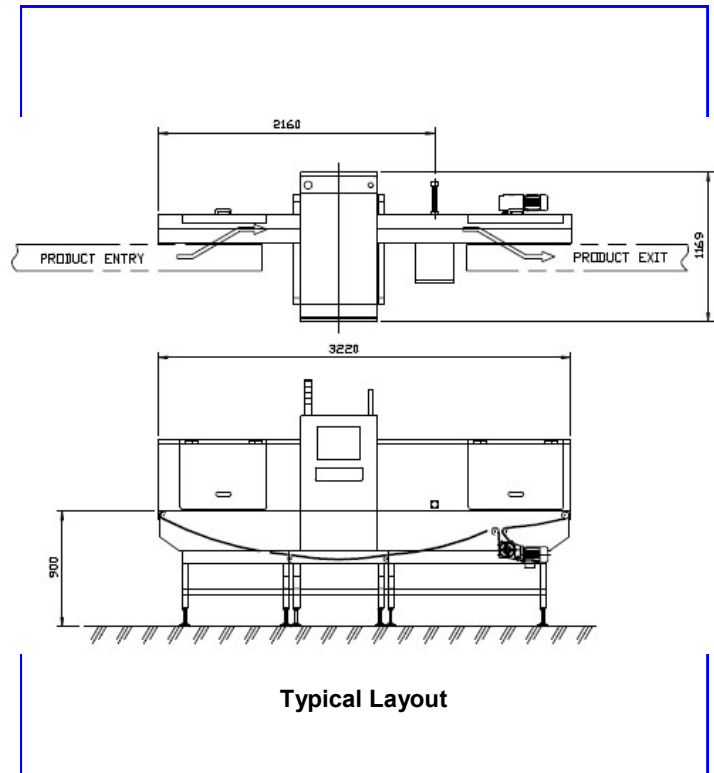
Pass Key protected set-up

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 high speed digital communications between major components



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