



# X-Weigh Inspection Systems

[www.loma.com](http://www.loma.com)

Combined X-ray and checkweighing for the food and packaging industries



- **Versatile** Contaminant inspection and checkweighing in one fully integrated system
- **Easy to use** Single intuitive full colour touch-screen for both applications
- **Sensitive** Auto calibration, which requires no programming and maximizes performance
- **Accurate** Accuracy comparable with traditional checkweighers
- **Fast** Belt speeds in excess of 96 m/min without loss in performance

Metal Detection

X-ray Inspection

Checkweighers

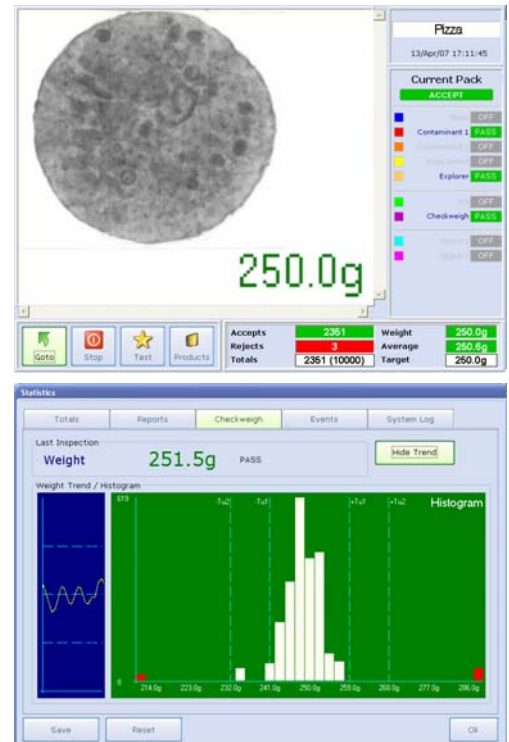
Data Capture

*Designed to Survive*



# X-ray Inspection Systems

- Finish: 304 stainless steel with bead blast finish
- Typical Line Height: 900mm ± 50mm
- Typical Length: 2500mm
- Belt Width: 300/500mm
- Supply Voltages: 230/1ph/50Hz N+E or 110/1ph/60Hz N+E
- Air Supply: 5 to 8 bar
- Reject Options: Air Blast single or twin, Pusher others to order
- Environment: IP 55/66
- 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

- Upgradeable Display mounted Industrial Grade PC with modem and network card
- Large and expandable Hard Drive, 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, temperature compensated detector array with 0.8mm diode pitch. Scan rate of 2000s/sec
- Computer vision system utilising image processing and morphological techniques
- Pass Key protected set-up
- Ethernet ready
- USB Report and image archiving
- Full diagnostic and system health monitoring with date and time stamp archiving
- Usage monitoring with planned maintenance prompts
- QA test event logging
- Modem support capability

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

**Tel:** +44 (0)1252 893300

**Fax:** +44 (0)1252 513322

**Email:** sales@loma.co.uk

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