



X⁴ PipeLine X-ray Systems

www.loma.com

Versatile and proven X-ray detection for the food process industry



- **Versatile** Range of pipe diameters to suite a wide range of free flowing product
- **Easy to use** Intuitive full colour touch-screen
- **Sensitive** Each product run is independently analyzed with its own inspection profile
- **Fast** Throughput in excess of 10T/hr without loss in performance
- **Reliable** Heavy duty components, high quality electronics, waterproof to IP66

Metal Detection

X-ray Inspection

Checkweighers

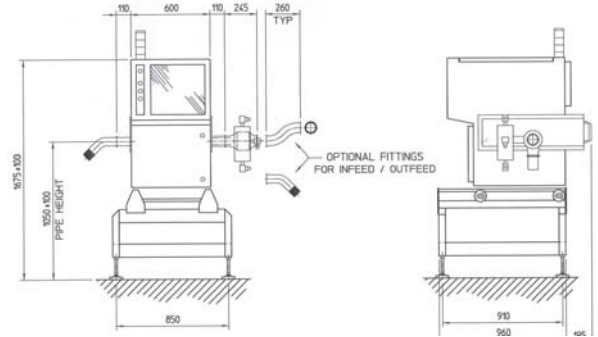
Data Capture

Designed to Survive



X-ray Inspection Systems

Finish:	304 stainless steel with bead blast finish
Typical Line Height:	1050mm ± 100mm 41" ± 4"
System Length:	850mm (without reject) 33"
Pipe Diameter:	2.5" or 3" (64mm or 75mm)
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:	ARC valve, signal only, others to suit
Environment:	IP 66 NEMA 4X
Fittings:	RD80, Tri-clamp, + range of adaptors
Standard Inclusions:	Adjustable feet, Remote Reports, Hinged interlocked covers
Options:	Variable speed tacho, Clip Inhibit, Survey meter, Remote diagnostics, Lockable wheels.



Technical Specification

- Upgradeable Display mounted Industrial Grade PC with modem and network card
- Large and expandable Hard Drive
- 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)
- 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
- Totally integrated and modular system with standard off the shelf components

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