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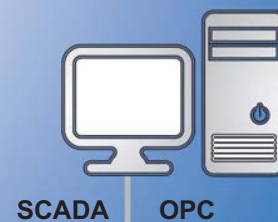
## X-ray Inspection Systems



## Checkweighers



## Metal Detectors



## Data Capture Systems



The launch of the Loma IQ<sup>3</sup> Metal Detector was heralded as a revolution in metal detection technology due to its unique variable frequency operation, which means the unit can auto-select the correct frequency for maximum contaminant sensitivity. No longer are operators required to manually optimise frequencies, which is both time-consuming and risky. The IQ<sup>3+</sup> version adds the benefits of an easy to use, icon driven, intuitive full colour graphical touch screen making it even simpler to use.

## Metal Detection Systems

### Search Heads

Our patented search heads feature unique variable frequency operation for total flexibility. The system is able to auto select the correct operating frequency in seconds. Built to IP69K (NEMA PW12) standards, the heads are designed for immunity from vibration, electrical interference, case distortion and thermal shock.

- Optional PC based full colour touch screen
- Automatic frequency selection
- Upgradable, future-proof control unit
- IP69K - Environment
- PVS (Performance Validation System) failsafe test routine
- HACCP compliant reporting

### PipeLine Systems

These systems are perfect for pumped product, meats, slurries and sauces. They are available in a range of pipe sizes starting from 50mm (2") and come complete with industry standard fittings.

- Perfect complement for meat pumps such as Handtmann, Vemag, etc.
- Hand filler, Clipper and Linker applications available
- Range of automatic reject valves to suit each application including CIP
- Gas strut for easy height adjustment

### FreeFall Systems

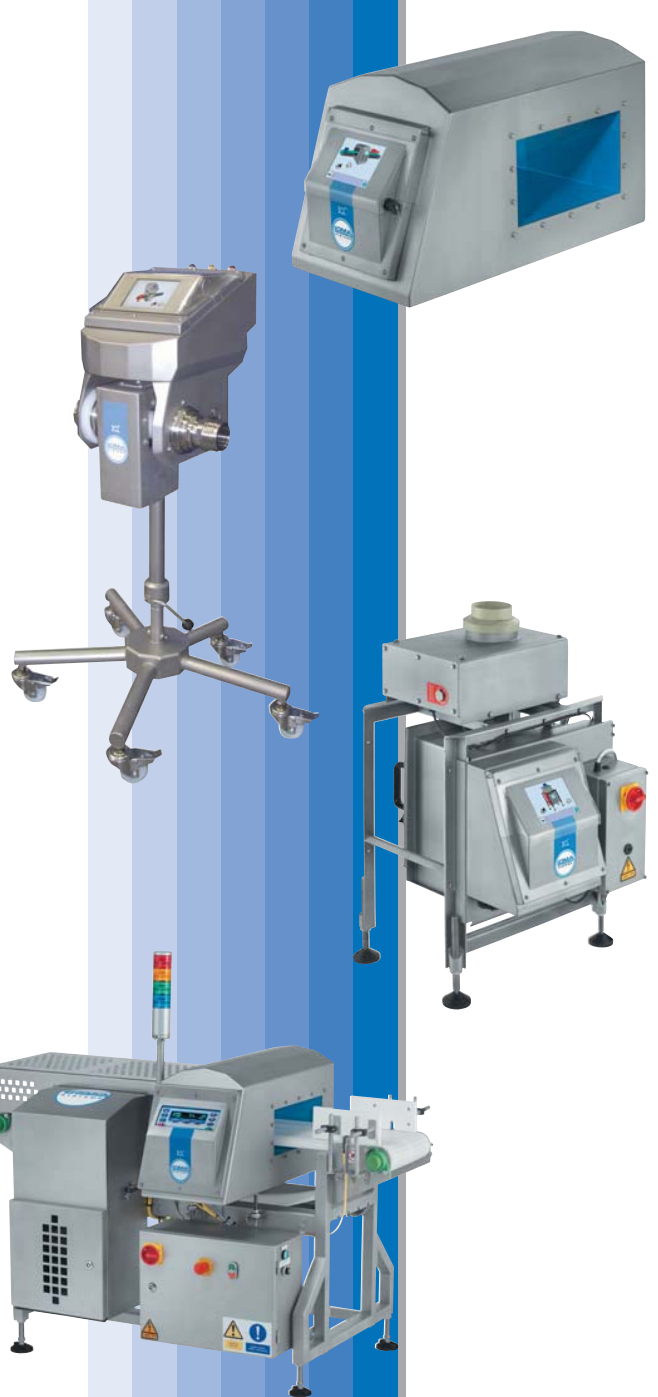
Ideal for free flowing powder, cereals, nuts, etc. The freefall systems are available in a range of pipe sizes from 100mm (4").

- Compact integrated detector and reject device
- Quick release reject for rapid clean-down
- Test piece capture system
- Reject failsafe monitoring

### Conveyor Systems

The hygienic design and the ability to inspect and reliably reject a wide product range makes the conveyor system the complete inspection package.

- Customized solutions to fit existing lines
- Modular, Intralox or Ply food quality belting
- Range of automatic reject devices to suit line speeds and products
- Designed to meet major retailers legislation





We produce a wide range of robust, reliable and user-friendly X<sup>4</sup> X-ray systems to meet demanding product safety standards whether for packaged, bulk-fed or pumped products. Their ability to detect non-metallic contaminants, detect high grade stainless steel in foil packaging and inspect for weight, size, missing products and shape make them a vital addition to your quality control system.

## X-ray Inspection System

### SpaceSaver X-ray Systems

Our entry level systems for pack inspection feature simple, easy to use controls.

- Cost effective solution for contaminant inspection
- Detection of high density contaminants
- Ideal for stainless steel detection in foil

### PipeLine Systems

For pumped product, ideal for screening raw meat products for bone.

- Detection of glass, stone, bone, high density plastic and rubber
- Complete with industry standard pipe fittings
- Range of automatic reject valves to suit each application including CIP

### Package Inspection Systems

For pack inspection of contaminants in addition to detection of underweight, missing and deformed product.

- 300, 500 & 800mm (12", 20" & 32") belt widths
- Detection of glass, stone, bone, high density plastic and rubber
- Detection of high grade stainless steel in foil packaging
- Detection of missing, overfill and damaged products

Additional Package systems available:

- Ultra sensitive FinePitch system, ideal for splinter bones
- BulkFlow systems, ideal for a wide range of unwrapped products
- X<sup>4</sup> 800 XL system, ideal for large boxes of meat / cheese

### SideShoot Systems

Provides accurate inspection of vertically oriented packages and products, such as cans, bottles or PET cartons.

- High performance, auto configuring contaminant detection
- Proven technology which increases performance and eliminates false rejects
- Detection of metal, glass, stone, bone





Our CW3 checkweigher design minimizes vibration and enhances accuracy. Whatever your requirements, we have a model to suit. By networking these devices, we have succeeded in placing the checkweigher at the centre of the production environment, making it a source of information, which can help improve your company's bottom line. The CW3 will easily withstand real-world production line conditions and the intensive cleaning processes and fluids needed to maintain hygiene standards.

## Checkweighing Systems

### LightWeight Systems

Fast and accurate, these checkweighers can cope with a wide range of flexible and rigid packs weighing up to 1500g (3.3lb).

- Superior accuracy levels
- High speed
- UltraLight system available, weighs up to 400g (0.88lb)

### Mid Range Systems

These systems perform with excellent accuracy, even on products with flexible packaging. The multispeed operation maximizes accuracy and throughput.

- Tailored weight platforms to maximize performance
- Heavy duty motors and conveyors
- Range of fully automatic reject devices
- Weighing up to 6000g (13.2lb)
- European Weights and Measures approval (MID)
- Networking (Ethernet) for reporting and comprehensive data capture

### HeavyWeight Systems

Strong and robust systems built for cases and sacks.

- Heavy duty AC motor and conveyor parts
- Simple construction
- Clear touch screen display
- Super HeavyWeight system available, weighs up to 60kg (132lb)

### DragLink Systems

Suitable for cans and bottles these fast and accurate checkweighers can weigh up to 6000g (13.2lb).

- Clear touch screen display
- High speed / high throughput
- Flexible product applications
- European approvals

### Combination Systems

These integrated metal detectors and checkweighers combine our expertise in two inspection technologies to ensure maximum system performance.

- Space saving compact footprint
- Single frame, easy to install and integrate
- Easy to test and validate





Our Data Capture Systems are designed to help Quality and Production Managers use their inspection equipment as a management tool for process and production control. These highly effective systems ensure manufacturers maintain full and accurate records of their inspection processes and can access this information simply and quickly.

## DATA CAPTURE Systems and Service

### LomaEnet

Entry level Report Capture software that eliminates the need for printers and hard copy reports.

- Easy Ethernet hook-up
- HACCP compliant reporting
- Easy archiving
- Compliments PVS (Performance Validation System)

### OPC

Loma OPC is an invaluable management tool that supports comprehensive data analysis. It features a user configurable system allowing inspection devices to be accessed from a central computer.

- Connect devices over Ethernet network
- User configurable screens
- Easy integration into existing SCADA systems
- Classifier bar charts
- Real time data and trend reporting
- Archived reports

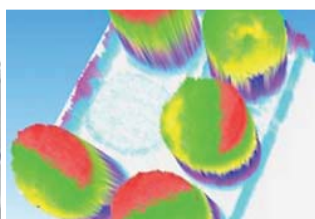
### Service

We fully understand the impact of lost production time, which is why we have a team of global dedicated service engineers who are always on hand to ensure your equipment is kept in working order. When a customer calls with a problem, we guarantee to get the right engineer on site with the right parts as quickly as possible. We pride ourselves on having the best Response Times and First Time Fix rates in the industry and our key objective is to deliver maximum uptime from your equipment. We are continually improving our performance against these targets.

### Remote Diagnostics

Should a problem occur, or even just for application advice, we offer powerful Remote Diagnostics tools giving Loma full real-time visibility of installed equipment. This remote connection can be used to make a speedy diagnosis, allowing our technical specialist to quickly understand the problem. This significantly reduces the downtime, often allowing faults to be corrected in a matter of minutes. Our Remote Diagnostics tool prevents system failures, provides fast resolution of diagnosed problems, and increases overall reliability, operation and performance of an inspection system.

## Our equipment is designed to survive

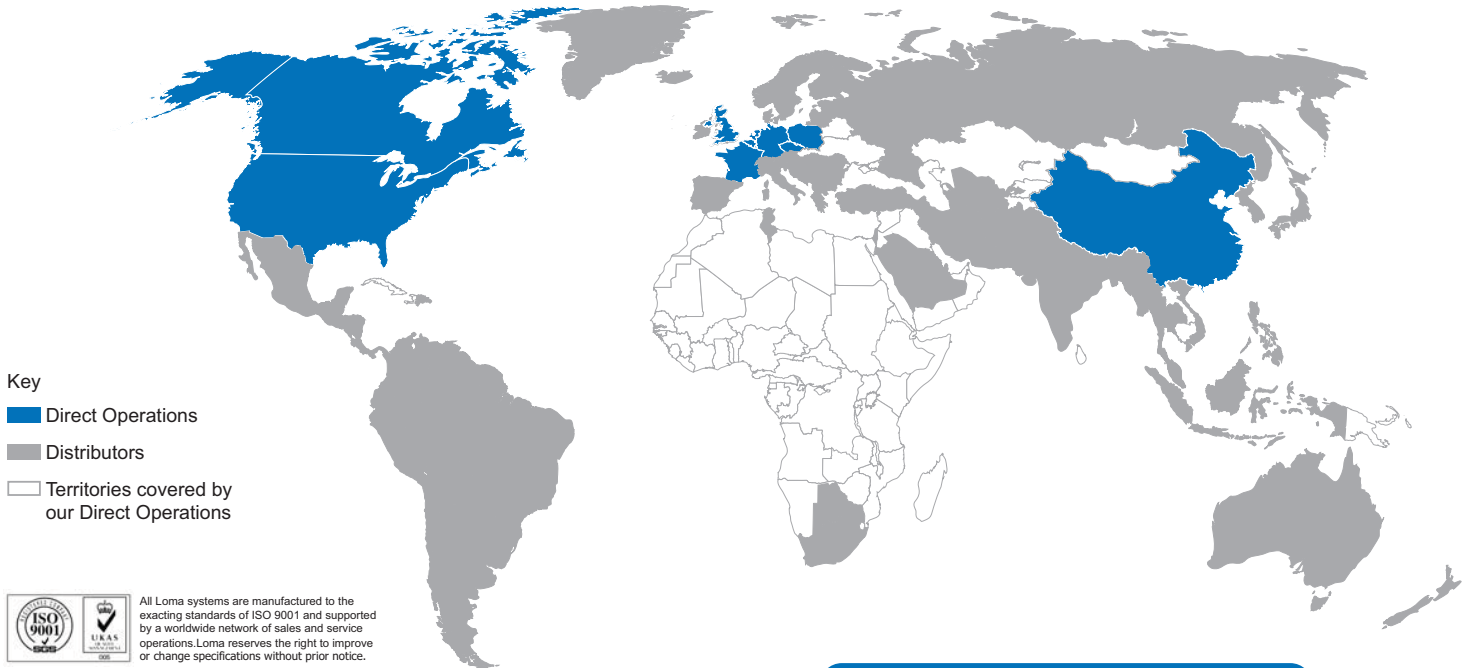


Visit [www.loma.com](http://www.loma.com) to download all our latest datasheets and find out how Loma products can help improve your product quality.

For a detailed look at the features and benefits of our products, please visit [www.loma.com](http://www.loma.com)

## The global presence of the Loma brand

Our sales channels are growing, for the latest information please visit the contacts section on our website.



### Worldwide Locations

We operate from several locations in the Americas, Europe and Asia. Across these sites we conduct ongoing research and development, specialized manufacturing, sales and service support. We also have representatives worldwide, who provide sales and service support as one of our distributor partners. All of our customers can be assured that they will be fully served and supported wherever they are.



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