



Product Inspection Systems for the Pharmaceutical, Nutraceutical and Medical Device Industry



Designed to Survive

Loma Systems & Lock Inspection is a worldwide premiere manufacturer of metal detection, checkweighing and X-ray inspection for the Pharmaceutical industry. With over 50 years of experience delivering automated quality assurance solutions for today's highly regulated pharmaceutical production. Our products are uniquely engineered for consistent quality and low cost of ownership, while offering consistent and reliable market leading detection performance.



Metal Detection

Insight Pharmaceutical Metal Detector

The flagship compact Insight Pharmaceutical Metal Detector offers advanced detection performance, construction quality and reliability characteristics, making it an effective inspection solution for the high-speed elimination of metal contaminants in any capsules, tablets, soft and hard caps after the tablet press and de-dusting processes.

Fits these Applications:



Intuitive - The user interface is simple to use, with a huge choice of language options.



Robust - The 304 stainless steel easy-clean polished frame ensures stress free cleaning



Innovative - Its streamline design makes the unit faster to wash down and sterilise between product changeovers, which has long been a sabotage of operational efficiency.

Capability - The detector and reject is able to process up to 30,000 tablets a minute; It is designed to keep pace with any future processing equipment

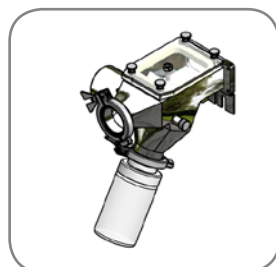
Flexible - The frame is adjustable via height, width and angle of tilt via a gas strut and has a new clamping sleeve, ensuring the unit can be moved and be up running within minutes.

Rejection of Products

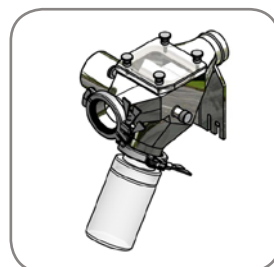
Available with 12 different reject options, the Insight PH is ideally suited to a wide range of site and process requirements. Each reject system is designed to eject the minimal product when contamination is detected and each reject can be removed for cleaning without the use of tools. To accommodate high potency preparations, wash-in-place (WIP) and dust-tight (DT) metal detectors are fitted with dust-tight and water-tight product chutes and reject systems. The WIP and DT reject enables use with highly potent formulations.



Lift flap



Was in place



Dust-tight



Diverter (Failsafe)

Insight Vertical Fall Pharmaceutical Metal Detector

The quality of finished product can only be guaranteed if incoming and in-process materials are effectively screened to remove all unwanted metallic particles. Vertical Fall metal detectors are recommended to inspect incoming raw materials in free-falling powder or granular form and to inspect formulations prior to tableting or encapsulation.

Fits these Applications:



Powders



Granules



Friendly - Auto-learn and automatic product tracking for user-friendly operation

Throughput - Inspect up to 3000 KG per hour

Accurate - Best in class detection to magnet and non-magnetic metals

Reliable - Up to 8000 data events can be stored and retained even during power interruptions

Compliance - The unit includes standard failsafe, reject confirmation, air failure, audible alarm and reset key switch

Rejection of Products

There are two different reject systems available to ensure contaminants are safely and reliably rejected from the production line. The Sealed Valve Reject is completely dust-tight thus eliminating any cross contamination. The Cowbell-type diverter style reject will reject contaminated product into a separate reject bin.



Sealed Valve Reject



Cowbell Diverter Reject

Insight BottleChek Metal Detector Conveyor

The BottleChek Metal Detector Conveyor inspects bottles or vials at the end of the packaging line for unwanted metallic particles. Deployment of the reject system takes place without causing bottle damage or product loss in the event of metal contamination being detected.

Fits these Applications:



Bottled Products

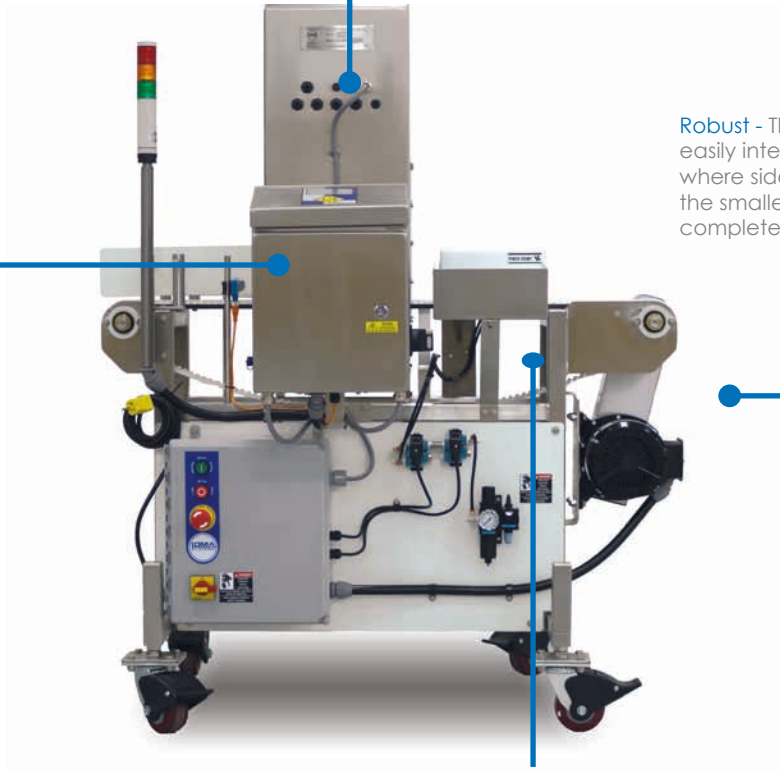


Vials



Tubs

Versatile - The bottle check can be specified with a variety of head sizes to suit customer requirements



Adaptable - Our true multi-frequency adapts to new product and packaging in seconds

Robust - The specially design conveyor easily integrates into a production line where side-to-side bottle transfer of the smallest bottles is achieved with complete accuracy

Flexible - Available with a full range of systems and reject options: including full fail-safe specification comprising reject confirmation, air failure alarm and bin full alarm

Rejection of Products

The Insight BottleChek is available with different reject options: A Reject Tray where rejected product is pushed off the production line into a stainless steel tray, a standard, lockable reject bin or a side-by-side transfer to another conveyor belt.



Stainless Steel Reject Tray



Reject Bin

X-Ray Inspection

X-Ray Inspection system offers complete quality assurance protection, allowing manufacturers to 'see' inside packages and perform a variety of checks including, fill level, mass measurement and component counting. Metal packaging will have no effect on the X-Ray detection levels so is ideal for inspecting blister packs, metallised or aluminum lids of vials or bottles. Furthermore, an X-Ray Inspection system will not just identify metal but also glass, and dense plastic and rubber.

Fits these Applications:



Blister Packs

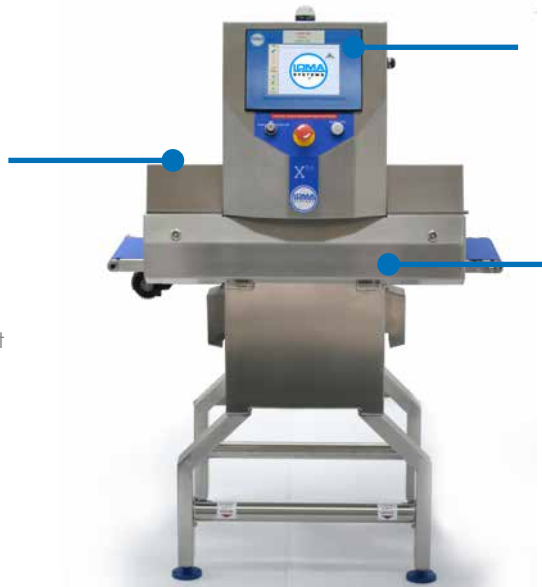


Packaged Goods



Sachets

Designed with new Users of X-Ray in mind - A simplified yet powerful inspection feature set, plug & play installation, reliable inspection & low cost of ownership makes the X5c an ideal choice for those switching to X-Ray for the first time.



Get Inspecting Fast with Loma's Product Learn Wizard - A set-up wizard automatically optimises the X5c for each product type & allows you to learn or allows you to learn or switch to new products within minutes.

Quick release belt - No tools required for easy cleaning.

Checkweighing

Checkweighing is a method of safe guarding for product weights. A Checkweigher system will check weights of products whilst in motion, rejecting any products that are over or under the set weight. All our Checkweigher systems are approved to both OIML and MID (EC TAC) specifications and include Automatic Mean Weight correct, which helps to ensure weight legislation.

Fits these Applications:



Blister Packs



Packaged Goods



Sachets

Fast and Accurate Setup - Type in your product details, initiate setup, and pass a pack several times and the CW3 is automatically set-up and ready to use for average or mean weights.

Simple operation with colour touchscreen - Type in your product details, initiate setup, and pass a pack several times and the CW3 is automatically set-up and ready to use for average or mean weights.



Save Money, Reduce Product Give Away - Using a highly reliable loadcell technology the CW3 gives you accurate readings while minimizing unnecessary product give away.

Worldwide Locations

Headquartered in the UK, Loma Systems & Lock Inspection operates from several locations in the Americas, Europe and Asia. Across these sites Loma conducts ongoing research and development, specialised manufacturing, sales and service support. Through a worldwide network of OEM and distributor partners, Loma supplies and supports inspection equipment in over 100 other countries.



Farnborough, UK



Manchester, UK



Helmond, Netherlands



Chicago, USA



Plzen, Czech Republic



Shanghai, China



Sao Paulo, Brazil



Paris, France



Dinslaken, Germany



Warsaw, Poland

Loma Systems & Lock Inspection has enjoyed a long-standing relationship with the pharmaceutical industry and consistently helped major companies successfully anticipate and satisfy the quality assurance demands of regulatory authorities, retailers and manufacturers alike.

Our reputation is based on consistent quality and advanced technology, the result of continuous and far-reaching research and development programmes. Short lead times, modular design and excellent availability of spare parts, coupled with our passion for customer service, allows our customers to be self sufficient and maximize production up-time.

We offer an upgrade path so customers can always get the latest detection solutions.



Service



Spare Parts



Support



Training



Upgrades



www.congnghehoanglong.com

Add: 468 Le Hong Phong street, ward 1, district 10, HCMC, VN

Tel: +84(8)38.398.999 - Hotline: +84(0)907.686.889

Email: info@congnghehoanglong.com

In association with

