

## Loma Systems

Loma's X5 X-ray incorporates new features which bring industry-leading levels of product integrity to the busiest of dairy processing lines.

Rounded surfaces ensure contaminant particles and wash-down droplets cannot accumulate on surfaces, unlike systems with flat surfaces which can leave areas of contamination. Impermeable cabinet seals prevent water ingress while the solid, tubular framework is engineered to withstand the harsh working conditions of dairy processing plants. A sideways-opening door provides easy access to the interior for quick serviceability. The new design meets AMI specifications.

Maintenance regimes can eat into production time and the bottom line too! Loma has solved the problem of lengthy conveyor belt changes by introducing a quick release mechanism mounted on gas struts. The conveyor belt can be changed within minutes, a job that can tie up maintenance staff for over half an hour on competitive systems. Market-leading Adaptive Array Technology (AAT) eliminates the need to specify the diode array pixel size and automatically adjusts from 0.4mm, 0.8mm and 1.6mm to provide up to 25% better detection performance.



This legendary reliability comes with a 'green' bonus, x-ray technology that delivers high-quality visual images while minimizing power consumption. A number of cooling options suit individual applications and the energy-saving heat exchange system offers excellent thermal dissipation.



### Providing the Food, Pharmaceutical and Packaging Industries with Robust Inspection Systems that are 'Designed to Survive'

For over 100 years, Loma Systems and Lock Inspection have led the world in engineering and manufacturing dynamic metal detection, checkweighing and x-ray inspection systems. We've learned to think the way our customers do to keep their systems operating at maximum uptime and with a low lifetime cost of ownership.

Our focus is on continuous innovation, leading the industry in bringing best-in-class technologies to the market based on the world's highest standards. Our systems are complemented by world-class after-market service and support.

Our systems meet OSHA, ANCI, CSA and AMI specifications and are UL and CUL approved.

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