

# X34 System

## Features and Benefits



The X34 x-ray series offers advanced packaged product inspection through new and improved features. Such features include the option of a 0.4mm diode detector and flexible powered x-ray generator. Resulting in the ability to find smaller contaminants; such as, glass, metal, mineral stone, calcified bone and high density plastics. With ContamPlus software, reduced False Reject Rate (FRR) and product integrity tools, the X34 is the perfect solution for ensuring brand protection.

### Optimised Detection

- The 100W 'optimum power' generator automatically adjusts the x-ray power and maximises the image contrast according to the product it is inspecting, resulting in outstanding levels of detection and protecting brand reputation.
- ContamPlus inspection algorithms enhance contamination detection and reduce FRR resulting in product safety and reduced product waste.

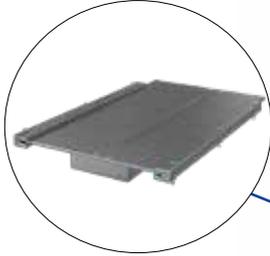
### Fully Automated Set-up

- The high performance software enables the system to setup a new product automatically without the need for manual adjustments. Making the X34 very easy to use. Sensitivity is maximised and the possibility of user error is removed. This reduces training, increases production uptime and ensures product safety.

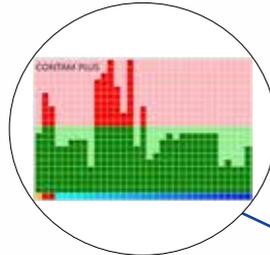
### Right Solution

- Choice of 0.4mm or 0.8mm detector to suit diverse range of products. Able to offer the right solution for individual applications.

# X-ray Inspection



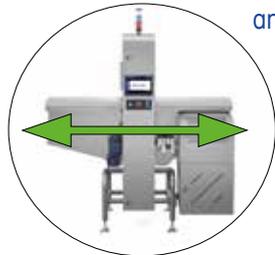
**Advanced 0.4mm Detector**  
Integrated PC within detector. Outstanding and reliable detection with improved resolution and greater sensitivity to find smaller contaminants. Reduced module count and protects customer's brand.



**ContamPlus Software** Multi-filter inspection tool running at varying sizes. Reduces FRR and improves detection capabilities.



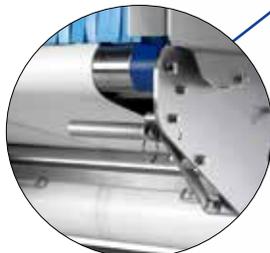
**10.1" Capacitive Touchscreen** (Screen is IP69 as standard) Now with 'pinch and zoom' feature (similar to modern phones/tablets). Improving the user experience.



**Small Footprint** 800mm and 1800mm wide systems providing customers with smallest footprints possible. Enabling easy integration into limited spaces.



**Tool-less Belt Removal**  
Easy for one person to take the belt on and off. Increasing uptime for the customer.



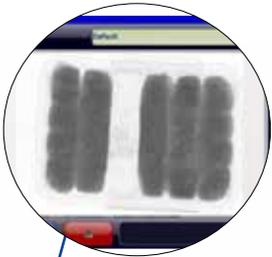
**Automatic Belt Tensioning**  
Eliminates human error and maximises belt life and machine up time.



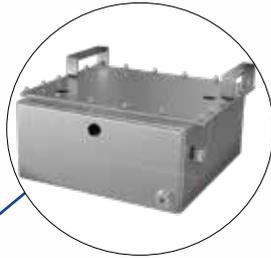
**Single Full-Height Cabinet Door**  
Gives access to the x-ray generator, detector, and electrical panel. Improved serviceability.



**Highly Hygienic Design Including Sloped Surfaces Throughout**  
Ensures bacterial growth is minimised through easy cleaning access.



**Auto Setup High Performance Software** Customers can set-up new product and changeover product quickly, without the need for support. Minimal training needed.



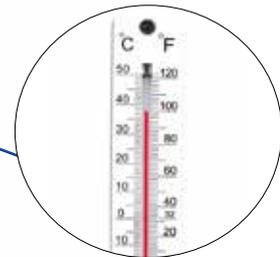
**Optimum 100W X-ray Generator** Automatically adjusts kV and mA according to product being inspected. Resulting in optimum detection.



**5 Year Generator Warranty** Applies when a standard or comprehensive service contract is purchased. Customers can avoid unexpected costs. Service contract maximises uptime and ensures system is performing to its highest levels.



**Shared Design with X33 Series** Customers with X33 systems in place can hold stock for both systems. Maximising up-time.



**Able to operate in environments of up to 40°C** Works in customer's environments (within the conditions) as standard.



**Reduced False Reject Rate (FRR)** User set-up errors are prevented with intelligent feedback and automatic set-up. Ensuring maximised production efficiency and maximising profitability.



**Integrated Reject Options** Fully adjustable pusher and air-blast options enclosed within system for diverse range of applications, ensuring reliable rejection of products.



**Lockable Reject Bin with Large Viewing Window** Ensures due diligence; rejected product can only be accessed by authorised personnel. Aids reject set-up.

## METTLER-TOLEDO Safeline X-ray

METTLER TOLEDO Safeline X-ray Inspection is part of the world's largest product inspection group – with incomparable global presence across all product lines. Dedicated to offer long term, enduring product and application support across the complete life-cycle.

- Part of largest product inspection group globally
- Local, experienced expert support worldwide
- Future-proof technology designed to last
- Most adaptable solutions to changing application needs
- High level R&D investments
- Enduring support throughout the life-cycle of our equipment

Features	Advantages	Benefit
<b>Global Service Support</b>	MT have more engineers per country than any competitor	Rapid response, local support and minimal downtime
<b>Global Sales Support</b>	Customers can purchase the same solution regardless of geography	Consistent technology globally, as well as global sales support and knowledge
<b>Industry Knowledge</b>	MT have the correct skill set to approach and find solutions quickly for customers	Best solution for every application, optimising the customer benefit
<b>Flexible Solutions</b>	MT will go further to find customised solutions to suit customer needs	A range of solutions to suit a wide variety of applications
<b>High-Integrity Supplier</b>	This goes hand-in-hand with being an authority; MT knowledge and solutions do the talking	Customers can be assured of a straight and open solution
<b>Here To Support For The Long Term</b>	MT is the world's largest product inspection group - with incomparable global presence across all product lines is deployed locally	Enduring service offers you long term and dedicated product and application support across the complete life cycle



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For more information