

Accurate and Reliable Inspection For Medium to Large Products



Prevent Product Recalls

The X36.2 offers reliable contamination inspection by accurately detecting a wide range of foreign bodies. The X36.2 can detect metal, glass, stone, bone and low-density materials, helping keep consumers safe.



Effective Quality Control

Advanced integrity checks provide high level quality control beyond just contamination detection. For example, by identifying missing or broken products, the X36.2 verifies that only the best quality products reach the end customer.



Enhance Productivity

The X36.2 maximizes production uptime by combining superior industrial design with a range of productivity tools. These include simplified cleaning routines, an intuitive user interface, and a reliable set of state-of-the-art subsystems.



Make Compliance Easier

The X36.2 has built-in software capabilities that allow full product traceability through a recorded image database. This can be accessed directly with the system's interface or connected remotely to ProdX™, or any of the most common network protocols.

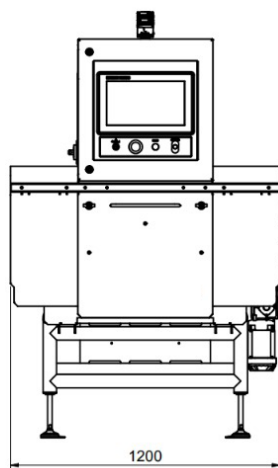


The X36.2 X-ray Inspection System Advanced Product Inspection

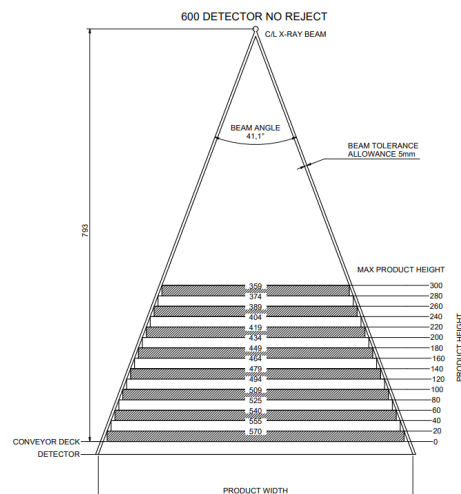
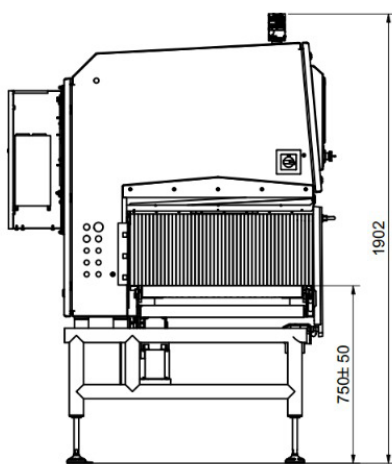
The X36.2 is an advanced x-ray system for medium to large and multi-lane packaged products. Available in standard and custom configurations, with single or multi-lane capabilities and advanced completeness and integrity checks for outstanding detection performance.

The X36.2 comes in four standard configurations with a variety of reject bin options as well as being fully customizable to meet all production requirements. With integrated ContamPlus™ software and new HiGain+ detector technology, the X36.2 provides an advanced and complete product inspection experience.

Technical Details



1200 mm - X36.2 Short System



X36.2 Beam Diagram - 600 mm

Specification Table

Feature	X36.2 Standard Specifications
Contamination Detection	Metal from 0.3 mm, shards of glass under 2 mm and stones, bones and several low-density materials*
Product Quality Tools	Completeness check, product fill level, clip detection*
Compliance	User management, Product validation feature and performance verification routine (PVR). Fully lockable inspection tunnel
Conveyor Speed	10-100 m/min (dependent on product dimensions)
Lane Configurations	Single and multi-lane (software)
Throughput Rate	1000 products/min (dependent on product dimensions)
Maximum Product Height	300 mm (240 mm max. with reject)
Product Set-up	Automatic configuration and fast set-up with ContamPlus
X-ray Detector	500 or 600 mm length, HiGain+ Technology
X-ray Generator	Optimum Power 100 W, up to 84 kV, up to 3.3 mA beryllium tube or 420 W, up to 84 kV, up to 5.0 mA beryllium tube.
Operator Safety	X-ray emissions <1uSv/hr, fully contained within construction, lead-free curtains with non-contact safety interlocks
Cooling Method	Air Conditioner (with additional oil cooled radiator on 420 W).
Environmental Conditions	Operating humidity up to 90% RH. Operating temperature 5-40°C
Power Supply	208-240 Vac, 1 Phase, 50-60 Hz, 10A max or 100-120 Vac, 1 Phase, 50-60 Hz, 16Amax or 208-240 Vac, 1 Phase, 50-60 Hz, 10A max **
Pneumatic Supply	6 Bar(g) clean air supply required for air operated reject system
Hygienic Features	Durable body in 304 Stainless Steel, with anti-accumulation sloped surfaces. Finish 180-240 Grit brushed on main components. Toolless removable belt and curtains. Integrated cable management
External Interface	Customer dedicated 5 digital inputs 8 digital outputs, dependent on product configuration
Ingress Protection	IP65/IP66/IP69 for inspection area and conveyor**
Operating Height	750 mm, 800 mm, 850 mm, 900 mm, 950 mm, 1000 mm, 1050 mm, 1100 mm or 1150 mm (+/- 50 mm)**
System Conveyor	FDA and EU food use approved TPU conveyor belt, 0.37 kW motor unit, 50 mm diameter infeed roller, 80 mm diameter outfeed roller
System Length	1200 mm, 1650 mm, 2100 mm, 2300 mm
Screen Display	15.6 inch Capacitive Touchscreen display (16:9 aspect ratio)
Reject Type	Pusher, airblast or retracting belt options**
Operating System	Concurrent algorithms Flex system software with Microsoft Windows 10 (upgradable via USB)
Traceability Options	Event log tracks changes of parameters, users and products. Product traceability through recorded image database, accessed via USB, ProdX, Ethernet/IP
Product Handling	Optional infeed or full-length guide rails
Service	Remote support ready, 5-year generator warranty, spare parts kits and service plans
UL Approved	Only for machines made in North and Latin America

* Dependant on application

** These specifications vary depending on country and region. Please contact your local METTLER TOLEDO representative for the confirmed specifications available in your area.

METTLER TOLEDO Group
 Product Inspection Division
 X-ray Inspection
 Local contact: www.mt.com/contacts

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For more information

Subject to technical changes
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