



X37 Series - X3725

Secure Product Transfer of Tall Packaging



The X3725 is the perfect solution for food and pharmaceutical manufacturers requiring a horizontal single x-ray beam system with integrated conveyor, reducing the complexity of production line integration. Ideal for inspecting tall, rigid and flexible packaging, the X3725 is constructed to ensure consistent product presentation into the x-ray beam for optimum contaminant detection and integrity checks.

Detecting Non-Conforming Products

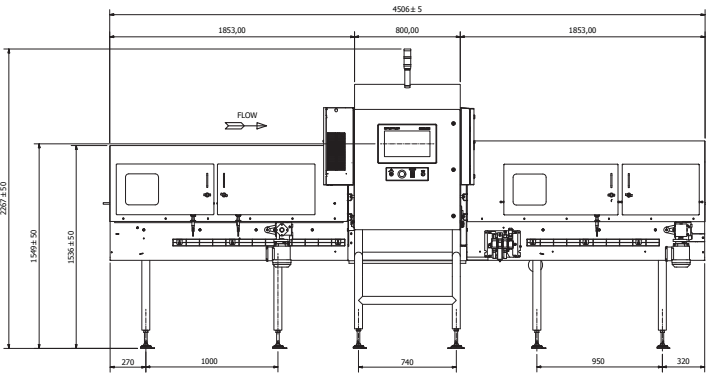
Offering highly-sensitive detection capabilities, the X3725 inspects food and pharmaceuticals packaged in tall, rigid and flexible packaging including composite cartons/tubes, large diameter plastic containers, metal cans and doypacks. The horizontal single beam technology scans all products for contaminants whilst performing product and packaging presentation inspections. All non-conforming products are quickly removed by a pusher or air blast reject device onto a secure integrated table which only authorized personnel access.

Optimizing Detection Sensitivities

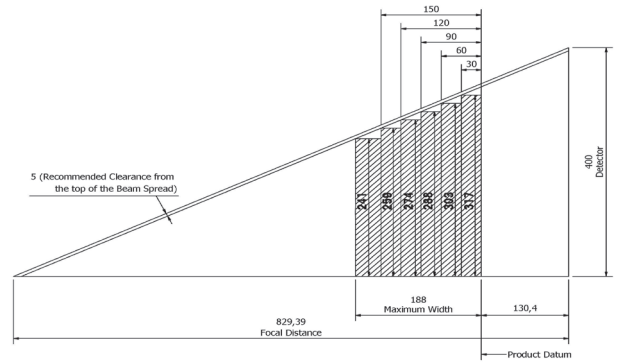
The X3725 is 4500mm long which allows for full-length product-specific guide rails to provide a steady transfer for all containers to accurately present themselves to the x-ray beam. This removes the probability of inconsistent product movements which can impede detection results and production line efficiency.

Improving Access to Information

The system offers a selection of connectivity options including ProdX, web purge, Ethernet/IP and VNC. This allows multiple methods of interaction and the efficient download monitoring statistics, images and reports.



X3725 - 4506mm long



X3725 beam diagram with 400mm detector width

Specification Table

Feature	Specifications
Conveyor Speed	Typical line speeds up to 120 m/min (dependent on product dimensions)
Lane Configurations	Single lane
Throughput Rate	Typical throughput rates of up to 1,200 products per minute (dependent on product dimensions)
Maximum Product Size	188mm diameter
X-ray Detector	0.8mm
X-ray Generator	100W, 84kV, 1.2mA Glass or optional Beryllium 420W, 84kV, 5.0mA Glass or optional Beryllium
X-ray Beams	Single Beam
X-ray Emissions	< 1uSv/hr
X-ray Protections	Fully contained emissions within construction
Cooling Method	100W - Air Conditioner 420W - Air Conditioner & Radiator
Operating Humidity	up to 90% RH
Operating Temperature	5°C - 40°C
Power Supply	208 - 240 Vac, 1 phase, 50-60 Hz, 10 A max 100 - 120 Vac, 1 phase, 50-60 Hz, 16 A max*
Pneumatic Supply	6 Bar(g) clean air supply required for air operated reject system
Casing Material	304 stainless steel
Finish	240 Grit Brushed on main components
Ingress Protection	IP65 as standard. IP69 as an optional upgrade
Operating Height	950mm, 1050mm or 1150mm (+/- 50mm)
System Length	4500mm
Screen Display	15.6" LED Touchscreen display (16:9 aspect ratio)
Reject Type	Short Stroke Pusher or Airblast options
Reject Area	Integrated driven reject table or take-away customer conveyor
Operating System	Microsoft Windows 64 bit
Connectivity Options	Ethernet (internal), USB (external)
Traceability Options	Full event log tracks changes of parameters, users and products
Guide Rails	Full length product specific guide rails

*110 Vac not available for the 420W x-ray generator option

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