



SAFELINE

Low Powered Inspection of Tall Packages



The X3710 is the ideal technology for food and pharmaceutical manufacturers requiring a high detection sensitivity solution to inspect a wide range of applications in tall packages. The X3710's low power generator provides high precision levels of contamination detection, whilst simultaneously examining each packaged product for quality and brand integrity checks, at low operating costs.

Accommodating A Wide Packaging Range

The X3710 is designed to inspect tall packaging, either rigid or flexible, including composite cans, cartons, tubes, plastic containers and doypacks. Built with flexibility in mind, the x-ray system is available in three lengths - 1700, 2200 or 3900mm - to easily integrate with food and pharmaceutical production lines.

Upholding Packaged Product Integrity

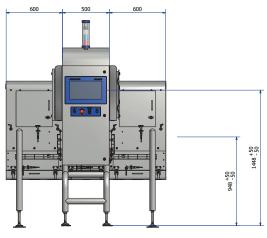
Offering high detection sensitivity levels, the horizontal single beam x-ray technology inspects all packaged products for physical contaminants. At high throughputs, the

X3710 conducts a wide range of product and packaging presentation checks to uphold brand reputation and safeguard the consumer against substandard products. Quality assurance examinations include verifying fill levels and detecting packaging defects.

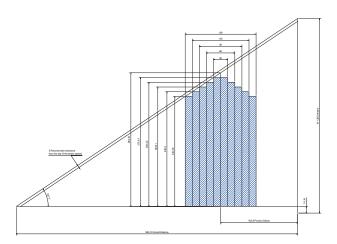
Reducing Operating Costs

With a 20 watt x-ray generator and high sensitivity detector, the X3710 offers the same precision levels of detection as a conventional 100W system. The low powered generator requires no active cooling device thereby reducing operating costs and improving Total Cost of Ownership (TCO).





X3710 - 1700mm long



X3710 beam diagram with 400mm detector width

Specification Table

Feature	Specifications
Conveyor Speed	Typical line speeds 10-30 m/min (dependent on product dimensions)
Lane Configurations	Single lane
Throughput Rate	Typical throughput rates of up to 300 products per minute (dependent on product dimensions)
Maximum Product Height	282mm
X-ray Detector	0.8mm
X-ray Generator	20W, 84kV, 0.25mA Glass
X-ray Beams	Single
X-ray Emissions	< luSv/hr
X-ray Protections	Fully contained emissions within construction, lightweight lead-free blue curtains at tunnel apertures on 1700mm and 2200mm systems
Cooling Method	Passive fan assisted internal cooling. No external cooling required
Operating Humidity	up to 90% RH
Operating Temperature	5°C - 40°C
Power Supply	208 - 240 Vac, 1 phase, 50-60 Hz, 6 A max 100 - 110 Vac, 1 phase, 50-60 Hz, 10 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	1700mm, 2200mm or 3900mm
Screen Display	15.6" LED Touchscreen display (16:9 aspect ratio)
Reject Type	Pusher or Airblast options
Reject Bin	Front mounted lockable reject chute with viewing window as standard
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	Optional full length guide rails
UL Approved	Yes

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