



Checksafe X-Ray Inspection

Helping to guarantee product safety across the food, pharmaceutical and beverage industry.



The perfect X-Ray for the food industry

Detect more than just unwanted metal in your food products with a Checksafe X-Ray. By inspecting the inside of your packaged products any metal, bone, glass, stones and dense plastic can be easily detected. It doesn't matter if products have a high moisture level or have metal packaging, the Checksafe range is still able to detect even the smallest contaminant in your product.

Comply with strict food safety standards

Ensuring that your products are free from any foreign contaminants and are safe for consumers is vital for any food business. Built to meet industry and global standards, such as HACCP and TACCP regulations, an X-Ray inspection solution from Matthews can detect various forms of foreign contaminants in your products.

Having technology that complies with government, industry and supermarket standards allows your products to reach store shelves easily, reduces the likelihood of not meeting strict quality standards and reduces the probability of recalls.

No product defects are missed

A Checksafe X-Ray system doesn't only detect for containments in your product, it is also able to register and alert you to any packaging faults such as; missing lids, incorrect mass, contents inspection and much more. With its superior sensitivity you can be sure any contaminant and product fault are found before it leaves your production facility.

Compact Design

Installing an X-Ray into your production line doesn't need to be a hassle. The compact design of the Checksafe range allows for a smooth install and configuration into existing production lines. The smart design helps minimise production down-time when it comes to installation, so your production levels can still meet its daily targets.

Integratable with other inspection technology

You can use your X-Ray system as a standalone machine, or to ensure full security and safety of your products you can combine it with one of our Smartweigh checkweighers. By incorporating this added safety and inspection machine, along with your desired reject device, into your production line you can create a fully comprehensive and traceable record of your line and the quality of your products.



code



check



capture



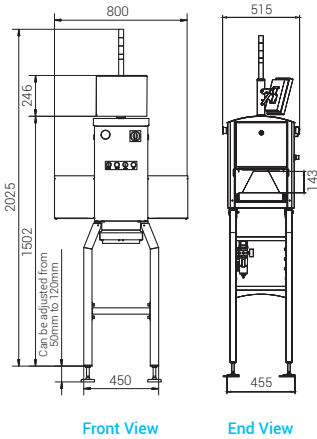
care 24x7



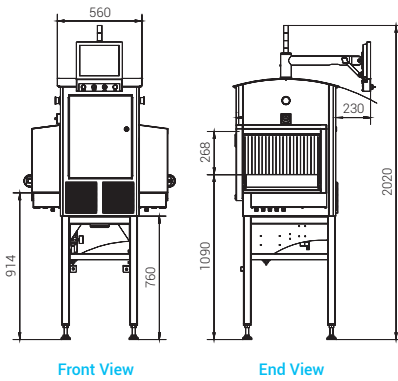
Technical Specifications Checksafe 250 & 400

Dimensions (mm)

CheckSafe 250



CheckSafe 400

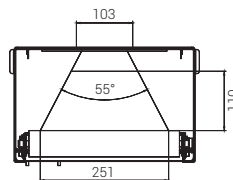


	Checksafe 250	Checksafe 400
Detection Area	250mm x 110mm (WxH)	400mm x 200mm (WxH)
Conveyor Speed (min-max)	0.1 – 1.3 m/s	0.1 – 0.98 m/s
X-Ray power	40-60 kVP 0.1-2.5 mA (<100 W)	Max 80 kV (200 W)
X-Ray leakage	Less than 1 µSv/h	Less than 1 µSv/h
Detector type	Linear scanner, 256mm width	Linear scanner, 410mm width
Pixel size	0.4mm	0.4mm
Operating system	Windows 7	Windows 7
Software	CheckSafe X-Ray Inspection System SW	CheckSafe X-Ray Inspection System SW
Power supply	110-240 VAC 50-60 Hz	110-240 VAC 50-60 Hz
Operating temperature	0-35°C	0-35°C
Dimensions (LxWxH)	800/1200mm x 515mm x 200mm	1020mm x 702mm x 2020mm
Weight	75kg	200kg
Connection to data	Ethernet USB	Ethernet USB
Options		
Conveyor lengths available	800mm, 1200mm	1000mm, 1400mm
Guide rails	In only, full length	In only, full length
Conveyor belts	Standard grip, low friction, silicone	Standard grip, low friction, silicone
Reject system	Air knife, pusher, dual sweep arm; Bins: 300mm long opening, 400mm long opening	Air knife, pusher, dual sweep arm; Bins: 300mm long opening, 400mm, long opening
Warm environments (>30°C)	A/C	A/C
Test pieces	Metal, glass, ceramic (other on request)	Metal, glass, ceramic (other on request)

Dimensions of Inspected Goods

CheckSafe 250

Height	Width
20	230
40	210
60	189
80	168
100	148



CheckSafe 400

Height	Width
40	340
80	300
120	260
160	220
200	180

