SR Series

High-performance X-ray inspection system

Safe, Accurate & Efficient



Searching for a New Balance

Ideal solution for the Food Industry.

The SR Series X-Ray inspection system provides high performance in-line contaminant checking for a wide range of products.

The advanced technology and intelligent software can detect even the smallest contaminants. With a robust system and reliable hard-ware, the SR inspection system helps customers increase production efficiency and safety.

No blind areas in tunnel
Creative u-shape detector and top-down beam design ensures there are no blind areas in the tunnel to avoid missing potential contamination.

Advanced self-learn feature
Self-learn not only learns algorithm parameters but also learns kV and mA meters to achieve optimum results

Designed with high safety measures
- CE conformity: Risk assessment
- Machinery safety directive
- Low voltage directive and safety circuit design

Communicating Interface
Compatible with USB, Ethernet, PROFINET connections etc, and also is supported by remote service.

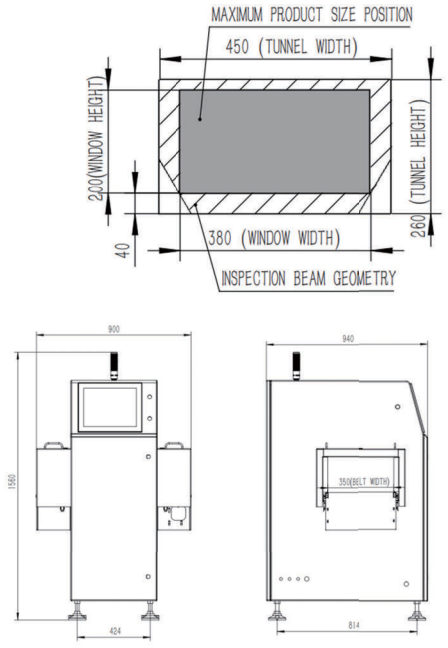
SR Series Specifications

Feature	SR350	SR500
Conveyor speed	10-60m/min	10-30m/min
Lane configuration	Single lane	
Throughputs	up to 300 pcs/min (depending on size)	
Conveyor length (A-A)	900mm	900mm
Conveyor length (B-B)	350mm	500mm
Max product height	200mm	250mm
Max load on belt	10g	25g
X-Ray Generator	max 150w, up to 85kv, glass tube	max 210w, up to 85kv, glass tube
X-Ray Beam	Single vertical beam	
X-Ray Leakage	<1 uSv/hr	
Cooling Method	Air Conditioner	
Operating humidity	Up to 90% RH	
Operating temp.	0 - 40° C	
Power supply	200 - 240 VAC, 1 phase, 50 - 60 Hz, Max 10 A	
Pneumatic supply	6 bar clean air supply	
Casing material	304 Stainless Steel	
Ingress protection	IP54 Standard or IP65 Optional	
System conveyor	FDA and food use approved TPU belt, 90W Oriental motor, 38mm diameter rollers	FDA and food use approved TPU belt, 25W SEW motor, 50mm diameter rollers
Terminal	15" capacitive touch screen	
Contamination handling	Pusher rejecter, Drop down rejecter, Stop on alarm, etc.	

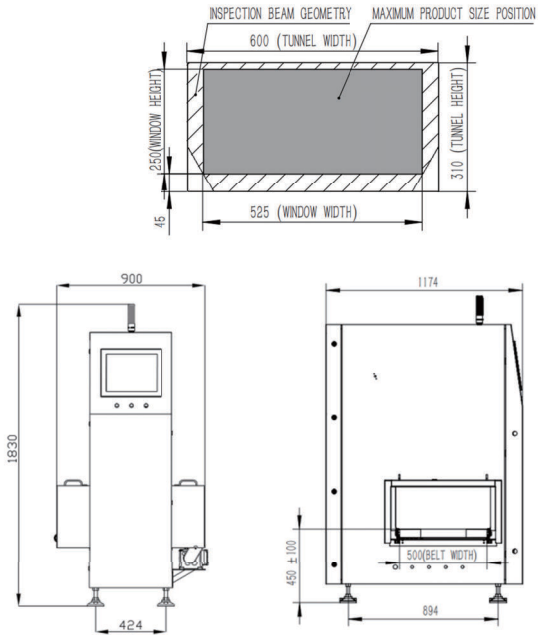
**Specifications are subject to change without prior notice.*

Dimensions (mm)

SR350:



SR500:



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