

SXRF-2820

X-Ray Inspection System

Bizerba offers compact, reliable X-ray systems that excel in contaminant detection while ensuring low ownership costs. These systems prioritize hygienic design and occupational safety, meeting American FDA and European CE standards, with optional UL/CSA certification. They deliver high performance and operational stability.

Main features

0.4mm detector – Ensures X-ray will detect the smallest contaminants

Low-wattage, long lifetime X-ray source – Lowers cost of ownership by reducing the need to replace X-ray source

Small footprint & modular design – takes up the least amount of floor space with the greatest level of flexibility

Smart set-up wizard reduces false rejects and service calls – Inspected products are properly set-up initially, requiring less ongoing adjustments

Intuitive, simple, user interface and equipment operation – Easy to train users, simple to operate

Tool-free conveyor belt removal & maintenance – Remove the conveyor belt without removing the access door



System functions

Detection of broad array of foreign object contaminants (metal, glass, stone, bone, rubber, and traceable plastics like PVC or Teflon)

Detection of defect or damaged products (deformed products, damaged packaging, missing product, etc.)

Detection of defective products with damage (deformed product, crumpled can, no product or defective product).

Built-in, virtual weight check

Automatic diagnostic and safety control system ensures proper, safe operation of the equipment regardless of user or environment

Password protected user access

Technical data

Specifications	Facts
Model	SXRF 2820
X-ray lamp	MAX. 65kV, 150W
Detector	0,4mm
Maximum product height	150mm
Maximum product width	290mm
Maximum belt load	10kg
Tape speed	Adjustable in the range of 10-80 m/min
Connection	LAN port, USB port
Product management	Automatic recording of the parameters of the tested product
Image management	Automatic image saving and analysis
Parameter adjustment	Automatic self-learning
Display	17" touch screen
Operating system	Windows
Cooling	Industrial air conditioner
Radiation protection	Protective curtains
External radiation	< 1μSu/h
Working temperature	from -10°C to 40°C
Working humidity	30-90% non-condensing water vapor
Supply voltage	110V, 60 Hz ± 10%
Power consumption	1200 W
Tightness class	IP65 & IP66
Machine cleaning level	Easy
Standard device height	800 + 100mm
Housing material	Glass-blasted stainless steel

RELATED PRODUCTS

Inspection Portfolio



Dynamic Checkweighers

Ensure precision and compliance. Scan for details or contact our specialist.



X-ray Inspection systems

Detect what you can't see. Scan to learn more or reach out to our expert.



Vision Inspection systems

See the unseen. Scan for insights or consult our specialist.



Metal Detection systems

Stay protected. Scan for information or talk to our expert.



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READY TO TAKE THE NEXT STEP?

Contact our experts today

Arrange a consultation or ask for additional information.

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