TXR-P Series

X-Ray Inspection System for Pumped Products

Designed for sauces, oils, beverages, and other liquid or semi-liquid products. The system uses a straight-through product path and integrates directly into existing pipelines for in-line detection of high-density contaminants such as metal, glass, and ceramic. Its compact design can be configured to suit the pipe diameter, throughput, reject method, and cleaning requirements of each application, enabling straightforward integration into existing production lines.

High-sensitivity contaminant detection

Designed for liquid and semi-liquid products

Straight-through product path
Quick-release design

Flexible in-line integration
For high-throughput applications

Product Details

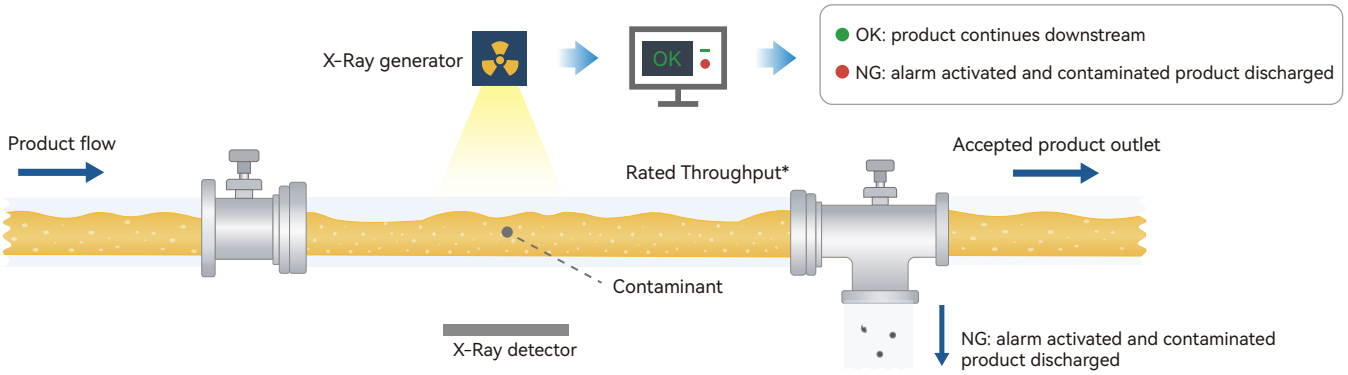
- Three-way arc-valve reject system

- Quick-release pipeline design

- Food-grade hygienic construction

- Typical contaminant detection image

DETECTION PRINCIPLE



DETAILED DESCRIPTION

Model		TXR-P2-60	TXR-P2-80	TXR-P2-100
X-Ray Tube		210W/350W		
Inner Diameter (mm)		60	80	100
Rated Throughput*		4t/h	9t/h	14t/h
Detection Sensitivity	SUS304 Ball(Φ)	≥0.3mm		
	SUS304 Wire	≥0.2×2mm		
	Glass Ball(Φ)	≥0.8mm		
	Ceramic Ball(Φ)	≥0.8mm		
Power Supply		AC220V, 1KvA, 50/60Hz		
Air Supply		0.6MPA		
Product Form		Paste / Semi-solid / Liquid		
Conveyor Material		SUS304 & Food-Grade Polymer Materials		
Protection Rating		Product Tunnel IP66		
Interfaces		LAN port USB port		

Notes:

1. The sensitivity values shown were obtained under no-product test conditions. Actual performance depends on the product and must be confirmed by product testing.
2. The specifications shown are for standard models. Alternative dimensions and special configurations are available on request.
3. Specifications are subject to change without notice. Please refer to the delivered machine and consult your sales representative for details.
4. Dimensions are for standard models; actual dimensions may vary for special or customized systems.
5. Product-contact parts are supplied in 304 stainless steel as standard. 316L stainless steel and food-grade sealing materials are available as options.

* Rated throughput is calculated using water or a product of similar density. Actual throughput depends on product density, viscosity, temperature, particle/air-bubble content, and the discharge method.

* Rated throughput requires the extended-buffer-pipe discharge configuration. Pipe length, reject-valve position, and connection type are application-specific.

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