



FOR PACKAGED GOODS - X-RAY



Hi-Q X-ray systems inspect for a full range of possible contaminants including metallic, and non-metallic (glass, ceramic, stone, bone, rubber, plastic etc.). Hi-Q X-ray can inspect metallic and non-metallic packaging and canned goods. Inspection is not effected by temperature, humidity, salt content or any other product effects.

[Complete Application Form for Quote](#)

How It Works

X-ray inspection is sorting based on product density. An x-ray inspection machine takes an image that is pixel based. The machine compares pixel density to stored pictures of “good” product to detect defects and contaminants. If the density of a product falls outside of acceptable range the reject mechanism removes the contaminated product out of the product flow.

Specifications

Model	X-Ray Inspection for Bulk Products
	XR-HIQ Series

Specs	150W-240	210W-400	320W-400-160	320W-400-100	320W-400-220	320W-500-160	320W-500-250	320W-600-300
X-RayTube	Max. 80kV,150W	Max. 80kV,210W	Max. 80kV, 320W					
Inspection Width	240mm	400mm			500mm		600mm	
Inspection Height	110mm	160mm	100mm	220mm	160mm	250mm	300mm	
Detection Ability	SUS Ball $\dot{\gamma}$,0.3mm, SUS Wire $\dot{\gamma}$ 0.2*2mm				SUS Ball $\dot{\gamma}$ 0.4mm, SUS Wire $\dot{\gamma}$ 0.2*2mm			
Conveyor Speed	10-70m/min				10-40m/min			
Display Screen	Full-color TFT 15" touch screen							
O/S & Connectivity	Windows XP Professional with LAN Port, USB Port							
Product Management	Complete product log							
Parameter Adjustment	Auto settings/ manual learning							
Image Management	Image save/ print/ analysis							
Power Supply	AC220V (optional)							
Main Material	Stainless steel (SUS304)							
Temperature Adjustment	Industrial air conditioner							
X-Ray Emission	< 1 microsievert per hour							
Protection Mode	Removable protective curtain							