

SAFE WITH TECHIK



Standard XCV Series

Combo X-Ray, Checkweighing & Vision System



TECHIK® Integrates intelligent X-Ray inspection, dynamic checkweighing and optional vision inspection. A single machine simultaneously detects internal foreign bodies & defects, surface contaminants & visual flaws, seal defects, coding errors and weight deviations — safeguarding product quality, cutting recall risk from contamination or mislabeling, and helping customers save cost and build brand trust.



All-in-One Versatility

Foreign-body detection, defect detection, dynamic checkweighing and optional vision in one integrated unit — replacing several in-line machines. Higher inspection efficiency, smaller footprint, lower total cost of ownership.



Intelligent Algorithm

Built-in smart detection algorithm — stable, reliable recognition with strong anti-interference and high precision, suited to demanding inspection of complex products.



Digital Management

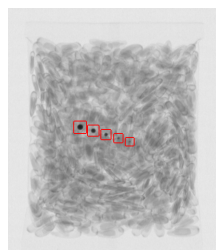
IoT-ready with smart alerts and remote maintenance. Standard interfaces link directly to IoT platforms for full digital traceability, time-stamped to the second.



Easy to Clean & Maintain

IP65 high dust/water protection; quick-release belt and curtains make daily cleaning and maintenance simple — meeting hygienic standards for food and pharmaceuticals.

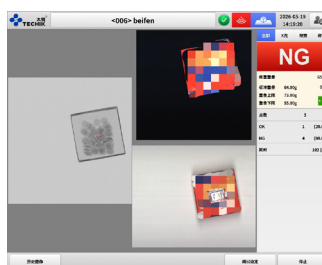
> DETECTION EFFECT



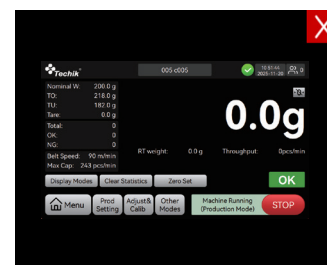
Foreign body inside a bagged product — X-Ray image



Surface damage on a bagged product — vision image



Integrated X-Ray, vision & checkweighing interface



Product weight display interface

> DETAILED DESCRIPTION

Specification		Standard		High Precision		For Long Pack	
Model		XCV-2215-G	XCV-3015-G	XCV-1515-H	XCV-2215-H	XCV-3025-G	XCV-4025-G
X-Ray Tube		210W/350W (optional)					
Inspection Width		220mm	300mm	150mm	220mm	300mm	400mm
Inspection Height		150mm	150mm	150mm	150mm	250mm	250mm
Detection Sensitivity	SUS304 Ball(Φ)	0.3mm					
	SUS304 Wire	0.2x2mm					
	Glass Ball(Φ)	0.8mm					
	Ceramic Ball(Φ)	0.8mm					
Weighing Range		10~2000g		2~600g		20~6000g	
Scale Interval		0.1g		0.01g	0.02g	0.1g	0.2g
Weighing Accuracy		≥±0.2g	≥±0.3g	≥±0.1g	≥±0.15g	≥±0.3g	≥±0.5g
Maximum Throughput		250pcs/min	200pcs/min	300pcs/min	250pcs/min	120pcs/min	
Conveyor Speed		≤90m/min		≤120m/min		≤70m/min	
Product Dimensions	Width	210mm	290mm	140mm	210mm	290mm	390mm
	Length	200mm/300mm	250mm/350mm	170mm/200mm	200mm/250mm	400mm/500mm	400mm/500mm
X-Ray Conveyor Length	Length	600mm	600mm	455mm	455mm	350mm	350mm
Weighing Conveyor Length	Length	300mm/400mm	350mm/450mm	250mm/300mm	300mm/350mm	500mm/600mm	500mm/600mm
Vision Inspection		Top & Bottom Vision Inspection (Optional)					
Additional Functions		Automatic Verification Function		Automatic Equipment Performance Verification Function			
Conveyor Height		550~1050 ±50mm					
Operation Screen		17" Touchscreen					
Product Memory Capacity		Storage for 999 Products					
Reject Method		Air Jet, Pusher, Drop Flap, Swing Arm, Flip Rejector					
Power Supply		AC 220V 50/60Hz					
Protection Rating		Product Tunnel IP65				Product Tunnel IP66	
Main Material		Stainless Steel 304					
Surface Treatment		Brushed Finish (Standard) / Sandblasted Finish (Optional) / Mirror Finish (Optional)					

Notes: 1.Sensitivity figures are empty-machine test values; actual sensitivity depends on the product being inspected.

2.Listed specifications are standard; other dimensions and special requirements can be customized.

3.Specifications are subject to change without notice; the actual machine prevails. Contact your sales representative for details.

