

FSCAN 4000 SERIES SMALL/MEDIUM CARTON X-RAY INSPECTION SYSTEM



BENEFITS OF FSCAN-4000 SERIES

Inspection of products for detections of glass, stone, bones and dense plastics.
Easy to use intuitive software
Quick release design for cleaning

SYSTEM ADVANTAGES

Contamination detection
Damaged or missing product
Fill level monitoring
Weight checker / Seal damage

DATA MANAGEMENT

Provide reports on good and defective products inspected by X-ray. Reports can be categorized into annual, monthly, weekly and daily and saved as an Excel file.

USER MANAGEMENT

Program administrators can create and grant privileges to users. Save user's setting, modify work history and store all work history of the user.

IMAGE MANAGEMENT

Save all good and defective images for post-tracking management. The images can be stored locally on the X-ray, USB or via the network.

SMART LEARNING

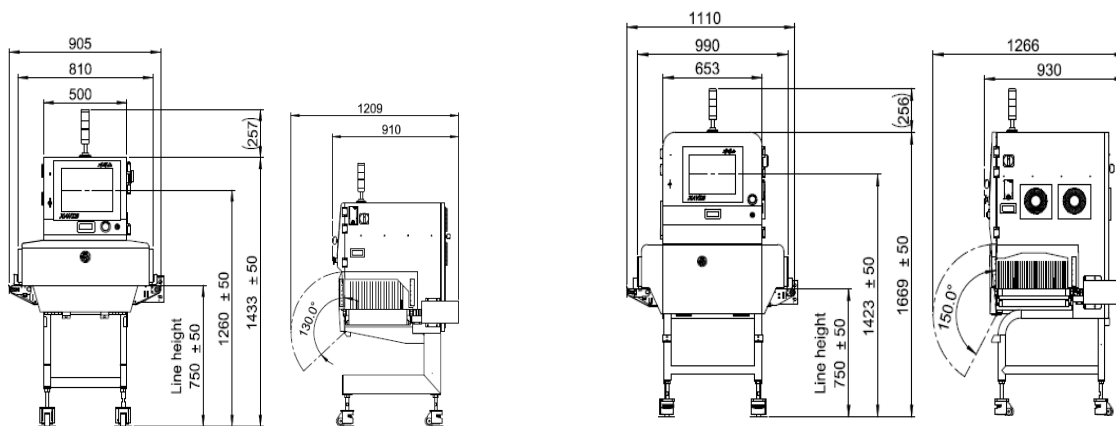
Simple and intuitive settings with "Smart Learning" function. Basic sensitivity and X-ray power level can be set with sampling inspection of products.

HIGH SPEED INSPECTION

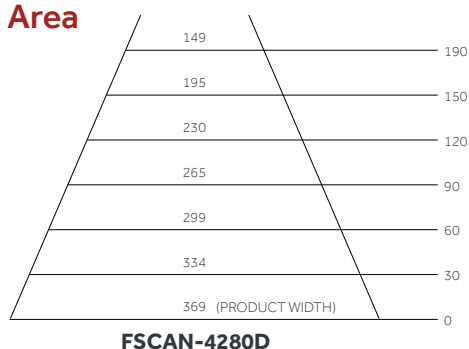
200 meter per a minute approximately up to 400-600 pcs per a minute can be inspected. Inspected pcs can be vary depending on a dimension of products.

ONLINE SUPPORT-INTERNET

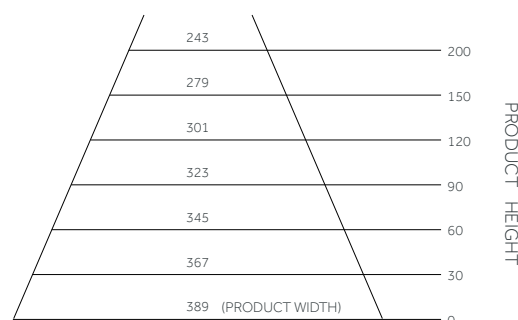
Remote support is available using a standard Internet connection. The majority of troubleshoot issues can be resolved remotely - ensuring maximum up-time.



Inspection Area



FSCAN-4280D



FSCAN-4500D

Specification Table

Model	4280D	4500D
X-ray generator	80kV, 1.25mA, 100W	120kV, 4mA, 480W
X-ray emissions	Less than 1 μSv/h or less	
X-ray protections	Prevention of X-ray leakage by protective curtains and sensors	
Detector	Line sensor, 0.4mm or 0.8mm diode size	
Maximum detecting width	369 mm	389 mm
Maximum detecting height	190 mm	200 mm
Speed	10 ~ 48 M/M (Higher speed is optional)	
Conveyor		
Width	420 mm	
Load weight	12 kg	20kg
Design	Quick release conveyor design	
Controller	Industrial computer	
Monitor	15" Touch screen	
Product registration	10,000 products	
Inspection tools	16 image inspection tools available. Custom-inspection (optional)	
Product management	Daily/Monthly/Model product capacity analysis	
Image management	Image Save/Print/Analysis (Defect size measurement) Stored on local SSD/HDD or USB	
Equipment management	Error log, Error analysis	
Teaching	Auto teaching, Manual teaching	
Protection class	Conveyor chamber : IP66 / Enclosure : IP54 (IP65 is optional)	
Cleaning	Quick release conveyors allow for single person removal of belts, conveyor and curtains.	
Power requirements	AC220V, 50/60Hz, 1.2kVA	AC220V, 50/60Hz, 1.5kVA
Weight	280 kg	350 kg
Temperature	0°C ~ 35°C	
Cooling method	Fans (Optional air conditioner)	
Reject systems	Pusher, Flip-bar, Drop-down/Up-down, Air, Shuttle, Chute for bulk, Multi air jet units and etc (Optional) Include the reject conveyors	

- Customised system design, including line height, infeed conveyors, reject systems (optional)