

FSCAN 6000 SERIES LARGE CARTON X-RAY INSPECTION SYSTEM



BENEFITS OF FSCAN-6000 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.

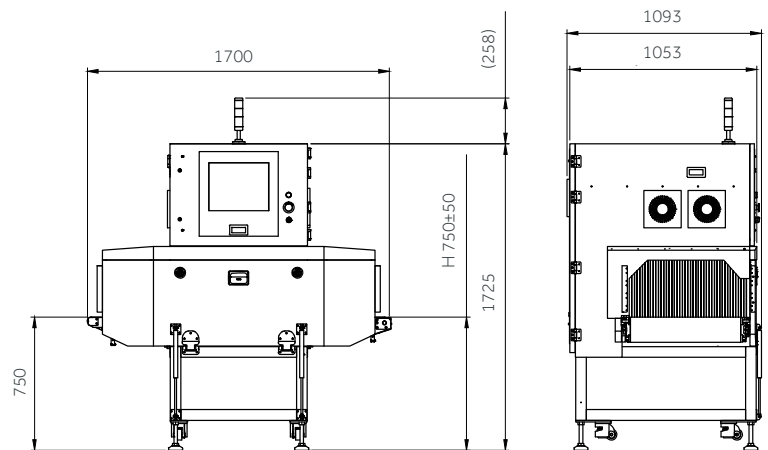
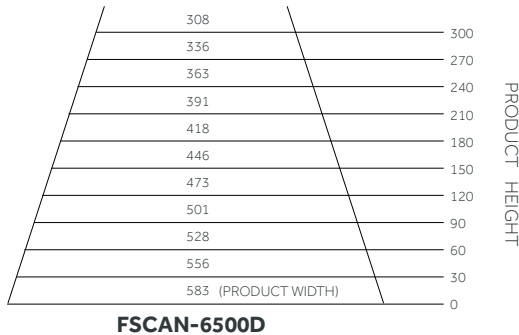
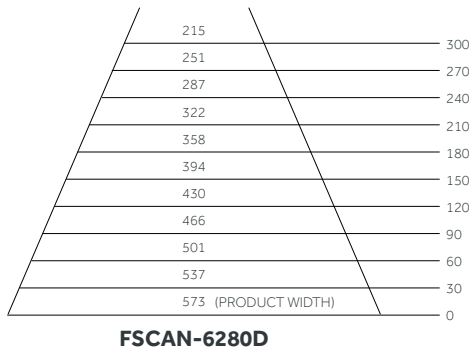
HIGH SPEED INSPECTION

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



Specification Table

| Model | 6280D | 6500D |
|---------------------------------|---|-------------------------|
| 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 | 573 mm | 583 mm |
| Maximum detecting height | 300 mm (100mm of higher height is optional) | |
| Speed | 10 ~ 30 M/M (Higher speed is optional) | |
| Conveyor | Width 620 mm Load weight 15 kg (Higher weight is optional) Design Quick release conveyor design | |
| Controller | Industrial computer | |
| Monitor | 17" 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, 1.3kVA | AC220V, 50/60Hz, 1.5kVA |
| Weight | 540 kg | 560 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)