Scan-X Corporate
160KV 5030
Multi-Energy X-Ray Security Scanner

www.scanxsecurity.com

Applications

Briefcase, handbags, mail, etc. inspection, widely used in:

- Government
- Court
- Prisons
- Post Office
- Asset Protection
- Exhibitions

Highlights

- Multi-energy, 34mm steel penetration
- 0.0787mm high-definition image
- Compact, portable and convenient to move
- Ultra-low X-Ray leakage, complying with domestic and international safety standards
- Double screen joint display, wider view and longer recognition time
- Drugs and explosives auto inspection (SX-DEI)
- Hi-spot for image best contrast and HDA to alert dangerous items
- SX Scale to make sure image in original shape without distortion
- Ultra-thin object scanning
- Modular design, self-diagnosis for important parts like X-Ray generator, detection boards array, light barrier
- Convenient software and humanised hardware, special keyboard, zoom and move by mouse
- SX-GSM (optional)
- Threat image projection (SX-TIP) (optional)
- Video monitoring system (SX-VMS) (optional)
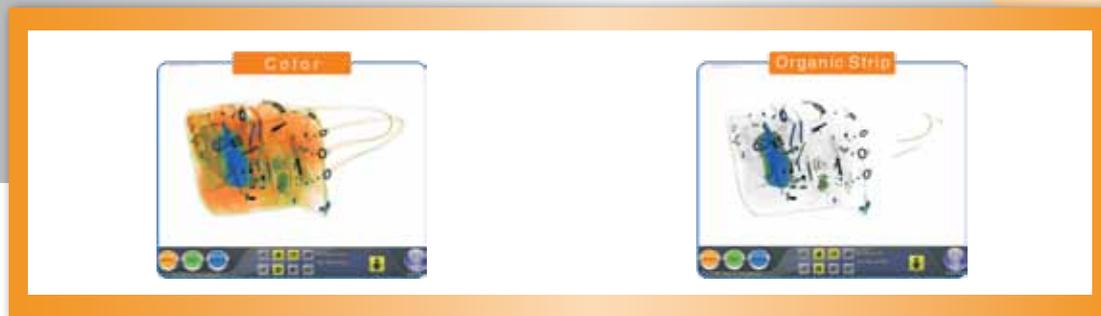- Energy saving device (optional)

SCAN-X

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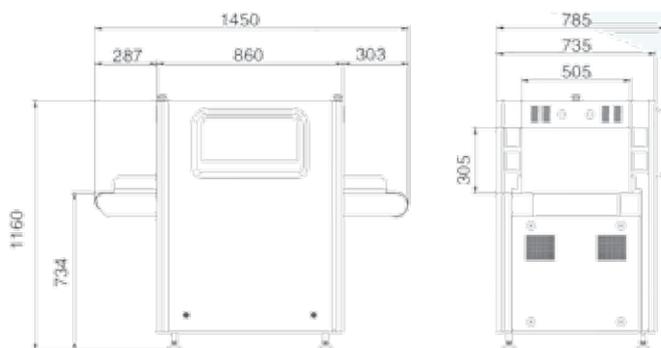

Specification

Tunnel Size	505mm (W) x 305mm (H)
Conveyor Speed	0.2m/s: up to 0.3m/s
Max. Conveyor Load	120kg (evenly distributed)
System Noise	<55dB

Performance Index

Resolution	0.0787mm Metal Wire (AWG40)
Penetration	34mm Steel
Leakage	<0.1 μ Sv/H
Dose Per Inspection	<2.62 μ Sv
Image Resolution	1280 x 1024/24Bits
Film Safety	ISO 1600 guaranteed

Image Processing

Image Processing	• Colour / Black & White • Super Enhancement • Pseudo Colour • Multi-energy • Negative • SX-DEI • Organic/Inorganic Strip • H/L Penetration • High Density Alarm • Edge Enhancement • Gray Level Scanning • Hi-Spot
Material Classification	• Organic: Orange • Light Metal and Mixture: Green • Inorganic: Blue • High Density Material: Black or Red
Zoom	• 1-32 Times for any zone, Dynamic, Smooth and Stepless • Full screen zoom by one click
Double-screen Display	• Double-screen Joint Display • Colour + Black and White Display • Double-screen Copy Display
Image Recall	• 20 Screens
Image Storage	• 100000 images (at least) • Image Export • Image Simulated Playback • Image Batch Conversion (to .jpg) • Image Search
Additional Features	• Customised Shortcuts • User Report Management • Quick Shutdown • Image Retrieval • Self Diagnosis • Multi-language • Package Counter • Maintenance Warning • X-Ray Work Time Counter • Multi-level User Management • Date/time Display • System Work Time Counter
Display	• High Resolution 19" LCD

X-Ray Generator

X-Ray Direction	Upward
Tube Voltage	100-160kV (adjustable)
Tube Current	0.3 ~ 1.2 mA (adjustable)
Cooling / Duty	Sealed Oil Cooling / 100%
Beam Launch Angle	80˚

Installation Data

Storage Temperature / Humidity	-20˚C ~ +50˚C / 10% ~ 95% (non-condensing)
Working Temperature / Humidity	0˚C ~ +45˚C / 10% ~ 95% (non-condensing)
Working Voltage	AC 220V (-15% ~ +10%), 50Hz/60Hz ± 3Hz
Power	0.4kVA

Note: The appearance and specifications are subject to actual product.