

THIS SMALL AND LIGHT X - RAY INSPECTION
SYSTEM IS DESIGNED FOR QUICK AND EFFECTIVE USE
WHERE SMALL BAGS AND PARCELS NEEDS TO BE SCREENED



PS-5030A



SCHOOLS, UNIVERSITIES



PUBLIC EVENTS VENUES



CRITICAL INFRASTRUCTURE



CRUISE SHIPS



MAIL ROOMS

- ▶ Cost-effective solution lowering your expenses for security staff training
- ▶ Compact mobile conveyor-type system
- ▶ Fits through most standard size doors
- ▶ Image archiving feature with on-board
- ▶ The image review function provides an effective and quick secondary image check

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TECHNICAL SPECIFICATIONS

Tunnel Size	500 (W) X 300 (H) mm
Power Requirement	220V AC (±10%) 50±3Hz
Power Consumption	1.0KW (Max)
Noise Level	<58dB
Conveyor Speed	0.22m/s
Conveyor Max Load	150 kg
Wire Resolution	0.0787mm metal line
Spatial Resolution	1.0mm Horizontal and Vertical
Steel Penetration	14mm
Single Inspection Dosage	< 1.5μGy
Leakage Radiation	<0.1μGy/h
Film Safety	Guarantee ISO 1600 Film

PARAMETERS

Image Display	19" High Resolution LCD Monitor
Display Resolution	1280*1024 ; 24 bit/pixel Color
Contrast Sensitivity	24 Visible Levels, 4096 Gray Level
Image Storage	10,000 pictures in real time
Zoom	16 Times Enlarge
Multi-Energy Color Material Identification	Organic objects in orange color, Inorganic objects in blue color & Mixture in green color
Edge Enhancement	Object contour edge is more distinct
High Penetration Display	Increase the contrast of bright area in image to make the area that is easy to penetrate appear more clearly
Low Penetration Display	Increase the contrast of bright area in image to make the area that is difficult to penetrate appear more clearly
Brightening / Dimming	Increase/Decrease image brightness
Image Recurrence	Display the previous twenty images and process any one of them



Anode Voltage	80 kV (Adjustable)
Tube Current	0.3 ~ 0.6ma
Cooling	Sealed oil bath with forced air
Duty Cycle	Rated for 100% Duty Cycle
Beam Direction	Upward
Beam Angle	80°
Detector	L - shaped Array

OPERATING ENVIRONMENT SPECIFICATIONS

Operating Temp./Humidity	0°C ~ 45°C/20% ~ 95% (Non - condensing)
Storage Temp./Humidity	-20°C ~ 60°C/20% ~ 95% (Non - condensing)