



- 50x30cm Tunnel Size
- Monster 160KVA Generator
- 38mm Typical Steel Penetration



EVT-5030KV16

X-RAY BAGGAGE SCANNER 50X30cm
160KVA SINGLE-VIEW

EVT-5030KVA X-RAY BAGGAGE SCANNER 50X30cm 160KVA

General Specifications

Unit weight	318 kgs
Unit size	2133.5(L)*746(W)*1148(H) mm
Tunnel size(mm)	500(L)*305(W)
Conveyor Speed(m/s)	0.2
Conveyor height(mm)	670
Conveyor Max Load(kgs)	60
Penetration	Typical 38mm steel, guarantee 34mm steel
Wire Resolution	Typical AWG40, guarantee AWG38
X-Ray dosage each inspection	Typical 3 μ Gy/h, guarantee 3.5 μ Gy/h
Boundary Leakage	Typical 1.0 μ Gy/h, guarantee 1.5 μ Gy/h
Power consumption	Max.0.5KVA
S/N ratio	<60dB
Film Safety	Guarantee ASA/ISO1600 Film

Configuration

X-Ray generator	160KV, oil cooling, from bottom to top
Imaging System	Japan Hamatsu detector + UK Sens-tech PCBA
Computer	CPU: Intel Celeron 2.60-2.70GHz, hard drive 500G, Storage 2G Dell or Acer
Monitor	17" LED screen, resolution 1280*1024 pixels
Operation table	Single screen console
Operation System	Windows XP

Software

Image Enhancement	1-64times enlargement continuity, Color/BW, negative,high/lowpenetration, organic /inorganic Stripping, general enhancement, and pseudo color,etc
Image Recall	30 preceding images recallable,retrieval
Image Archive	Up to 50,000 images stored automatically, enable transferring to USB disk, and converting to JPG, BMP, XF, PNG, TIFF, GIF six formats
Other Functions	Time/date display, counters, user management, system-on/X-ray-on timers, power on self test, built-in diagnostic facilities, dual-direction scanning, system log, system standby and stimulant training, ADS etc.
Network Applications	Multiple remote applications available based on Ethernet LAN and windows platform, such as image centralized storage and identify, recheck workstation, and network TIP, etc (Optional).

Operating Environment

Operation temperature/Humidity	5C-40C / 0%-90%(non-condensing)
Storage temperature/Humidity	-20C-60C / 10%-90%(non-condensing)
Operation Power	220VAC(\pm 10%) 50 \pm 3Hz (Optional: 100VAC,110VAC,120VAC,200VAC)

Dimentional Drawings

