

## **TE-XS5030C X-ray Baggage Scanner**

**Application:** security inspection for carry-on baggage or parcels etc. It is an ideal security inspection system to inspect small size baggage in railway stations, bus stands, government institutions, mall centers, multiplex theaters, hotels etc.

### **Main Features:**

- ◆ Compact Design
- ◆ High Density Alarm
- ◆ Cost Effective
- ◆ Extremely High Resolution
- ◆ Multi-language Support
- ◆ Dual-energy Material Discrimination
- ◆ Assist to Detect Drug and Explosive Powder
- ◆ GPU-accelerated Image Processing



### Technical Parameters:

<b>General Specification</b>	
<b>Tunnel Size</b>	505mm(width) ×307mm(height)
<b>Conveyor Speed</b>	0.2m/s
<b>Conveyor Height</b>	730mm
<b>Max. Load</b>	150kg(even distribution)
<b>Wire Resolution</b>	40AWG (0.0787mm of wire) > 44 SWG
<b>Spatial Resolution</b>	horizontal $\Phi$ 1.0mm    vertical $\Phi$ 1.0mm
<b>Penetrable Resolution</b>	34AWG (0.160mm)

<b>Steel Penetration</b>	40mm
<b>Monitor</b>	17-inch color monitor with resolution:1280×1024
<b>X-ray Generator</b>	
<b>Anode Voltage</b>	140-160Kv
<b>Cooling/Run Cycle</b>	sealed oil cooling/ 100%
<b>Per-inspection Dose</b>	less than 1.0μGy
<b>Image Processing System</b>	
<b>Image Enhancement Features</b>	color/black & white image ,organic and inorganic elimination ,alterable absorption, super-enhancement, negative mode, high/low energy penetrability, pseudo color etc
<b>Image Resolution</b>	organics: orange inorganic: blue mixture and light metal: green
<b>Selection and Enlargement</b>	variable zoom, 1-32 times enlargement, support continuous enlargement
<b>Image Playback</b>	50 checked images playback
<b>Storage Capacity</b>	at least 100,000 images
<b>Radiation Safety</b>	
<b>Radiation Leakage</b>	less than 1.0μGy /h ( 5cm away from shell) comply with all domestic and international health and radiation safety standards
<b>Film Safety</b>	in accordance with ASA/ISO1600 film safe standard

## System Functions

TIP(Threat Image Projection), hazardous area alarm, high density alarm, date / time display, baggage counter, user management, system timing, ray beam timing, power on self test, image back-up and search, maintenance and diagnosis, bi-directional scanning

## Optional Functions

video monitor system/LED(liquid crystal display)/energy-conservation and environmental-protection equipment/electronic weighing system/speaker etc

## Installation Data

<b>External Dimension</b>	1719mm(length) ×761mm(width) ×1183mm(height)
<b>Weight</b>	500Kg
<b>Operation Voltage</b>	AC220V(-15%~+10%) 50±3Hz
<b>Power Consumption</b>	0.6kVA
<b>Operation Temperature</b>	0°C±3°C ~ +40°C±2°C
<b>Storage Temperature</b>	-40°C±3°C ~ +60°C±2°C
<b>Relative Humidity</b>	5%~95%(non-condensing)
<b>Noise Level</b>	56dB(A)