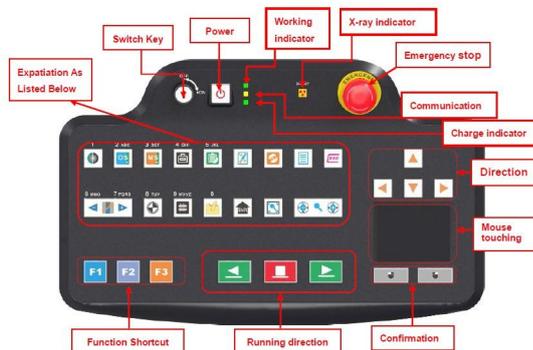


# X Ray Baggage Scanner

Model: SPX-10080

Intelligent Software & Safety Hardware



## High resolution image

## Friendly operation keyboard

The SPX-10080 direct transmission X-ray system features a raised conveyor that enables sharper, larger screen images while making loading and offloading easier. This heavy-duty conveyORIZED scanner is designed for screening large objects, hold baggage and cargo for concealed weapons, explosives and contraband. Multi-energy color marking allows operators to quickly spot areas of concern in the most thickly packed parcels, bulk loads and baggage.

- Auto Sensing assures 100% screening of all items, no matter how thin or low
- Ideal for inspecting oversized and out-of-gauge objects

### ◆ General Specification:

**Dimension:** 3138.5mm \* 1295mm \* 1716.5mm (L\*W\*H)  
**G.Weight:** 800 KGS  
**Tunnel Size:** 1010mm×803mm  
**Conveyor Speed:** 0.2m/s  
**Conveyor height :** 338.5mm  
**Conveyor Max Load:**200kg  
**Wire Resolution:**38AWG  
**Steel Penetration:** 27mm standard, 32mm typical  
**Film Safety :**Guarantee ASA/ISO1600 Film  
**X-ray Leakage:** <1 μSv/h (at a distance of 5cm From external housing)  
**ROLLER CONVEYOR :** Stainless Steel

### ◆ Image System:

**Technical Principle:** Dual-energy X-Ray Imaging  
**X-ray Sensor:** L-Shaped Photodiode Array (**multi-energetic**) , 16bit Deep  
**Monitor:** High Resolution Color, LCD Accord, 17inch  
**Image Display:** High resolution of 1024 \* 1280 pixel; Image Grey Level: 65536  
**Image Enhancement:** 1-64times enlargement continuity, Color/BW, negative, high/low penetration, organic /inorganic Stripping, general enhancement, and pseudo color, etc.  
**Image Recall:** 30 images recallable, retrieval.  
**Explosives & Narcotics Detection:** Explosives & narcotics alarm and highlight according to atomic number signature  
**High Density Region Alarm:** Impenetrable region alarm and highlight, for possible concealing of threats and contrabands  
**Threat Image Projection:** Inserting fictional, but realistic images of threat items into baggage during screening operation, for maintenance of vigilance, as well as training and assessment of image identification capability  
**Image Archive:** Up to 50,000 images stored automatically, enable transferring to USB disk, and converting to XF、PNG、BMP、JPEG、TIFF、GIF etc formats  
**Miscellaneous 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.  
**Images process:** 24bit real time processing ,4colors analysis, Images displayed marked date and ID NO ,Count the number of bags ,Memory gray level:65536  
**Software password protection :** All software features of machine are online and password Protected and all software features are controlled from key board of machine only  
**Online recording facility :** The machine has online recording facility and images can be transferred to external storage device through USB port.  
**Through put :** 720 bags per hour for hand and checked baggage  
**Dual-energy distinguish retrieval Objects:** Selective detection of Objects by atomic number, organic objects in orange, inorganic objects in blue, mixture in green.  
**Review image :** No less than 8 image

# X Ray Baggage Scanner

**Model: SPX-10080**

## ◆ Operating Environment:

**Operation temperature/Humidity:** -10°C-45°C/5%-95%(non-condensing)

**Storage Temperature/Humidity:** -20°Cto 60°C/ 5%-95%(non-condensing)

**Operation Power:** 187~240VAC, 50/60Hz (Optional: 100VAC,110VAC,120VAC,200VAC)

**Power Consumption:** 1.0KW

**Noise:** <60db

## ◆ Computer Character:

**CPU:** Intel(R) Celeron(R), 2.60-2.70GHz

**RAM Storage:** 2GB

**Hard Disk:** 500G

**Computer system:** Windows XP

**Monitor:** 2pcs 17" ,LCD . Resolution : 1280x1024

Stainless steel console for monitor

## ◆ X-ray Generator:

**Anode Voltage:** 140kv (160KV option)

**Current tube:** 0.3mA

**Generate angle:** 80 degree

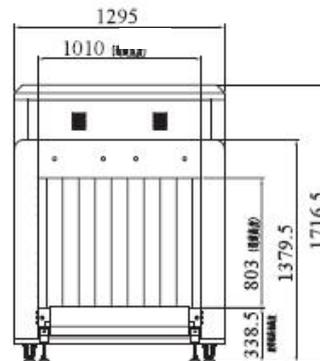
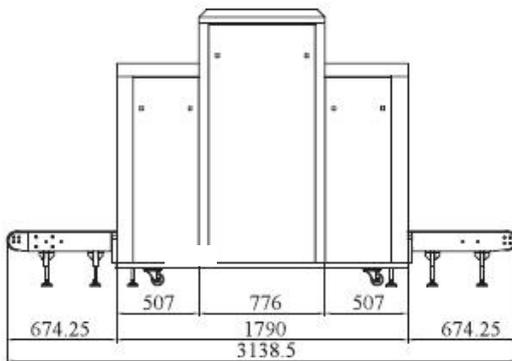
**Beam direction:** from top to bottom

## ◆ Other Characters:

**Cooling / Duty Cycle:** Sealed oil bath

**Extension Rollers:** customize size length

**UPS:** 15 minutes, 30 minutes, 1 hour or more optional



**Certificates:** ☆ISO19001 ☆ISO14001 ☆OHSMS18001 ☆CE ☆FCC ☆ROHS☆Radiation Safety License