

# SF5030A X-RAY BAGGAGE SCANNER

ROBUST TECHNOLOGIES INDIA LLP



## GENERAL SPECIFICATIONS:

- Tunnel Size : 500 (W) × 300 (H) mm
- Conveyor Speed: 0.22m/s
- Conveyor Max Load: 100 kg
- Tunnel Size : 500 (W) × 300 (H) mm
- Single inspection dosage: < 1.32μGy
- Wire Resolution: 40AWG
- Steel Penetration: 10mm
- Film Safety: For ISO 1600

## X-RAY GENERATOR

1. Orientation: Upward;
2. Tube Current: 0.4~0.7MA ( adjustable ) ;
3. Anode voltage: 80KV ( adjustable ) ;
4. X-ray divergence angle: 60 °;
5. Generator cooling/working periods:sealed oil bath with forced air/100%;

## X-RAY Sensor :

L-shaped array detector, 24bit;

## ABOUT US

We own all of the intellectual property rights (IPR) to its core technologies, and have an experienced engineer team with senior x-ray detection experts, signal and image processing specialists. Our excellent technical development capacity to support us is our ability to have continuously new production lines.



**OPERATING ENVIRONMENT :**

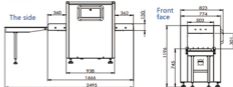
- ◆ Storage Temperature: -20°C to 60°C
- ◆ Operating Temperature: 0°C to 45°C
- ◆ Relative Humidity: 20 to 95% non-condensing
- ◆ System Power: 220 VAC (±10%) 50±3HZ
- ◆ Power wastage: 1.0 KW (Max)
- ◆ Noise < 65DB

**IMAGE PERFORMANCE SYSTEM**

- A:** X-ray sensor---L type photodiode array detector (energy), 24 bit depth ;
- B:** Display---High-resolution liquid crystal display, 24-bit color ;
- C:** Color management architectures---Different color, different matter ;
- D:** Inverse, white/black/colorized---For compare these images to find the suspected dangerous goods;
- E:** To eliminate organic, Inorganic out---In view of the most important image;
- F:** Edge enhancement---The edge of image is more clear ;
- H:** High penetration---Make the image more through, for look every goods in one image ;
- I:** Zoom in/zoom out---Make the image bigger ,make the image smaller ;
- J:** 1 times size of image---Make image back to 1 times size of image;
- K:** Brighter/darker---Make image more bright /make image darker ;
- L:** Replay---Playback all images on the screen at current , be able to do the next steps ;

**APPLICATION AND CERTIFICATIONS**

- Used for scenic spots, gymnasium, expo centre, left- baggage counter, supermarket, hotel ,court, prison...etc;
- Machine parts safeguard measures;
- High performance network function;
- EU CE Certification;
- ISO9001 Certification;
- ISO14001 Environmental Management;
- Radiation safety certification

**DIMENSION**
**DRAWING:**


SF5030A X-ray safety detection equipment can display pseudo color and black and white images, with simple and efficient operation, with reasonable human design. We provide a fully intelligent and secure inspection system for our customers.

**ACCESSORIES :**


X-Ray generator  
Brand: RV Tech (Beijing)



Detection board  
Brand: DT (Finland)



Automatic  
Brand: Emerson in USA



Philips 19 inch



Roller  
Brand: NTN(Japan)



Power supply  
Brand: Mingwei

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