



# Shenzhen MCD Electronics CO.,Ltd

MCD-5030A

 **Shenzhen MCD Electronics co.,Ltd**    **ISO 9001 2008**



**MCD**  
美创达诚  
MCD-5030A

**MCD-5030A**  
*X-ray baggage scanner*  
Website: [www.mcd168.net](http://www.mcd168.net)



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## Product Parameters:

### General Specification

- 1.Tunnel Size: 500(W)\*300(H)mm
- 2.Conveyor Speed: 0.22m/s
- 3.Conveyor Max Load: 170kg
- 4.Dose per Inspection: <2.9 uGy/h
- 5.Resolution: <0.101mmMetal Wire
- 6.Spatial resolution Level: dia  $\phi$  1.0mm , Vertical: dia  $\phi$  1.0mm
- 7.Through resolution:  $\phi$  0.202mm
- 8.Penetration: 10mm Steel
- 9.Film Safety: Guarantee ISO1600 Film
- 10.X-ray Leakage: <0.05 uGy/h (at a distance of 5cmFrom external housing)

### X-ray Generator

- 1.Generate direct: Upward
- 2.Generate angle: 80 degree
- 3.Anode Voltage: 80Kv
- 4.Anode power: 0.4 to 0.5mA
- 5.Cooling / Duty Cycle: Oil Cooling /100%

### Image System

- 1.X-ray Sensor: L-Shaped Photodiode Array (monoenergetic) , 12bit Deep
- 2.Monitor: High Resolution Color, LCD Accord, 17 inch
- 3.Detector:1
- 4.Color display: less than 4 color
- 5.Image Processing: Edge enhancement, image strengthening, Image lightening, reducing darkening, image returning, image retrieval.
- 6.Image Grey Level: 4096
- 7.Image Max Resolution: 1024 \* 1280 pixel
- 8.Image Processing: 24bit for processing real time
- 9.Image storage: Storage 60000 pictures in real time
- 10.Zones & Zoom: 1-9 Image regions, 2,4,8,16 Times Enlarge, Whole screen continuous observation

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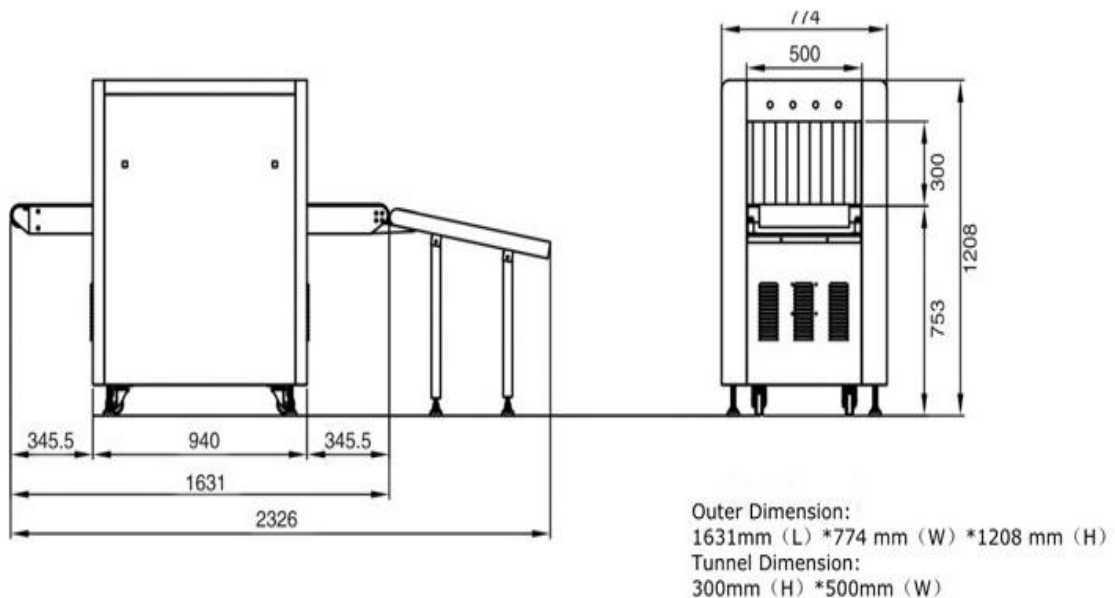
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### Installation Data

1. Operating Temperature/Humidity: 0°C ~ 45°C / 20%-95% (non-condensing)
2. Storage Temperature/Humidity: -20°C ~ 60°C / 20%-95% (non-condensing)
3. Operation Power: 220AVC / ( $\pm 10$ ) 50Hz  $\pm 3$ Hz
4. Power Consumption: 1.0KW (Max), 0.3KW (working)
5. Noise: < 55 dB

### Feature and Application:

X-rays through inspection, Which show object interior metal structure by LCD screen. Applied to factory inspection products and institutions of the security. Such as electronic factory, shoe factories, toy factories, court and station, as well as large activities handbag security.



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