

## WDS6550 X-RAY BAGGAGE SCANNER



### GENERAL SPECIFICATIONS:

- Tunnel Size : 650(W) ×500(H) mm
- Conveyor Speed: 0.22m/s
- Conveyor Max Load: 170 kg
- Single inspection dosage: < 1.0μGy
- Leakage radiation: <0.1μGy/h
- Wire Resolution: 40AWG
- Steel Penetration: 10mm
- Film Safety: For ISO 1600

### X-RAY GENERATOR

1. Beam Direction: Upward;
2. Tube Current: 0.4-0.7MA;
3. Anode voltage: 80KV;
4. X-ray divergence angle: 80 °;
5. Cooling: Sealed oil bath with forced air;
6. Sealed oil bath with forced air/100%;
7. Detector: L-shaped Array

### SPECIAL FEATURES

**Network interface:** Capable of connecting to LAN, and support multi-terminal check for baggage at same time;

**Safety ray:** Ray is transmitted under automatic control, avoiding the error; One-key shutdown control: Just rotate the key to shut down the machine; it is safety, easy and convenient;

**Eagle eye:** Capable of expediently observing the magnifying area  
Self-diagnosis function: Give message automatically if malfunction for prompt maintenance.



**OPERATING ENVIRONMENT :**

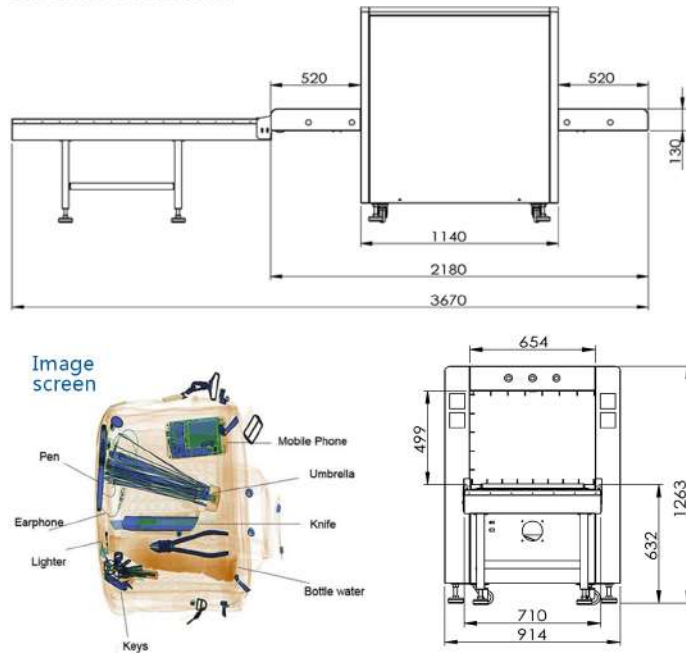
- ◆ Power Requirement: 220V AC ( $\pm 10\%$ ) 50 $\pm$ 3Hz
- ◆ Power consumption: 1.0KW (Max)
- ◆ Noise level: <58dB
- ◆ Spatial Resolution: 1.0mm Horizontal and
- ◆ Vertical Operating temperature/humidity:  
0°C ~ 45°C/20% ~ 95% (Non-condensing)
- ◆ Storage temperature/humidity:  
-20°C ~ 60°C/20% ~ 95% (Non-condensing)

**IMAGE PERFORMANCE SYSTEM**

- A:** Display: High-resolution 19 inch color LCD display ;
- B:** Display Resolution: 1280\*1024;24 bit/pixel Color ;
- C:** Color management architectures: Different color, different matter ;
- D:** High penetration display: Increase the contrast of bright area in image to make the area that is easy to penetrate appear more clearly;
- E:** Low penetration display: Increase the contrast of dark area in image to make the area that is difficult to penetrate appear more clearly.
- F:** Edge enhancement: The edge of image is more clear ;
- G:** Contrast Sensitivity: 24 Visible Levels, 4096 Gray Level
- H:** Zoom in/zoom out: Make the image bigger ,make the image smaller ;
- I:** Display the previous twenty images and process any one of them ; Restore image to initial status;
- J:** Brighter/darker: Make image more bright /make image darker ;
- K:** 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;
- Chinese ministry of public security testing;
- EU CE Certification;
- ISO9001 Certification;
- ISO14001 Environmental Management;

**DIMENSION DRAWING:**

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 :**

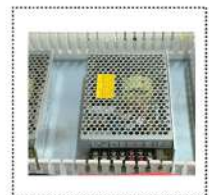
X-Ray generator



Detection board

Automatic  
Brand: Emerson in USA

19" Monitor

Roller  
Brand: NSK(Japan)Power supply  
Brand: Meanwell