

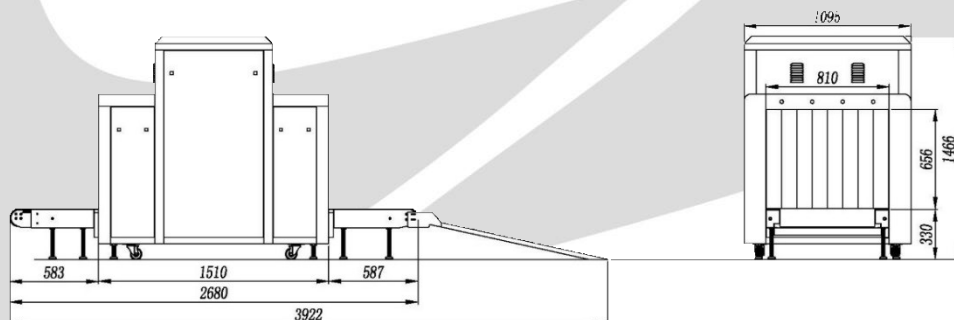
## X-RAY BAGGAGE SCANNER



**ADXR4**

(With the shelf to collect objects)

Units:mm



Machine size : L2680\*W1095\*H1466mm. (Working length: 3922mm  $\pm$  5.0mm)  
Tunnel size : W810\*H656mm

## Features:

- Alarm by sounds & light: Alarm by sounds and light when conform to condition.
- Network interface: Could be connect local area network and support multi-terminal check baggage at same times
- Safety ray: Transmit ray under automatic control, avoids the miss.
- Turn off by a key control: Turn off the machine only need one step: revolves the key. The equipment automatic security close-down, does not need complex many steps, is simpler.
- Eagle-eye: Could be expediently observing enlargement area.
- Estimate malfunction by self: Automatic estimate malfunction and prompt message, helpful for the maintenance.

## Technical Data:

Tunnel Size	: 810 (W) ×656 (H) mm
Conveyor Speed	: 0.22 m/s
Conveyor Max Load	: 200 kg
Single inspection dosage	: < 1.5μGy
Wire Resolution	: 1mm metal line
Steel Penetration	: 34MM armor plate
Film Safety	: For ISO 1600
Maximum leakage radiation	: <0.3μGY/H

## X-Ray Generator:

Orientation	: Vertically Upward
Tube Current	: 0.4~1.2MA (adjustable)
Anode Voltage	: 100~160 KV(adjustable)
Angle	: 80°
Generator cooling/working periods	: Sealed oil bath with forced air/100%

## 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	: 1.2 KW (Max)
Noise	: <65DB

### **Multi-energy function:**

- a. Multi-energy color: display organic material for orange, display inorganic material for blue, and display mixture for green
- b. High energy/low energy: switch to display two energy type, high energy stands for metal etc., low energy stands for nonmetallic
- c. Auxiliary function for drugs & explosives: help to detect such dangerous material as drugs & explosives etc.
- d. Audible & visible alarm: give sound and visible signal when conforming to condition.

### **Image Performance System:**

1. X-Ray Sensor: L Type Photo-Diode Array Detector, 12bit
2. Monitor: High Resolution 17inch Color Lcd Display
3. Color Quality: 24 Bit Real Colors
4. Edge Enhancement: Object Contour Edge Is More Distinct
5. Super Image Enhancement: Image Detail Is More Distinct
6. High Penetrate Strength Display: Increase Brightness Of Dark Area In .Image To Display Object Which Is Behind High Absorptivity Mass Distinctly
7. Low Penetrate Strength Display: Increase Contrast Of Low Absorptivity Mass (Easy To Penetrate) To Display It Distinctly
8. Magnifier: Function Of Partial Enlargement
9. Brightening/Dimming: Increase Brightness Of Image/Decrease Brightness Of Image
10. Image Recurrence: Display Previous Twenty Images And Process Any One Of Them
11. Image Restoration: Restore Image To Initial Status At The Time Of Stopping Conveyor
12. Image Storing: Real Time Store Any Image And Process It In Operation Status