

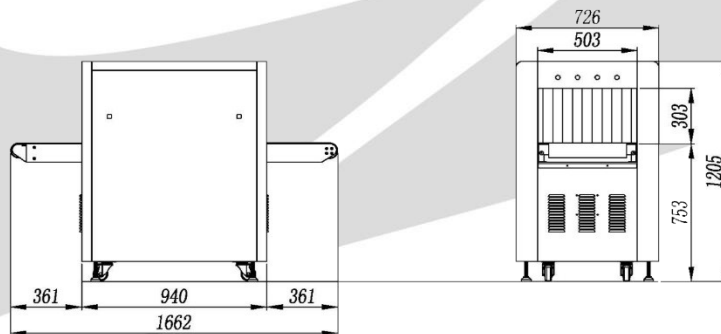
## X-RAY BAGGAGE SCANNER



**ADXR2**

(With the shelf to collect objects)

Units:mm



\* Machine Size : L1662\*W726\*H1205mm

\* Tunnel Size : W503\*H303mm

## Features:

1. Alarm by sounds & light : Alarm by sounds and light when conform to condition.
2. Network interface : Could be connect local area network and support multi-terminal check baggage at same times
3. Safety ray : Transmit ray under automatic control, avoids the miss
4. Image monitoring for user-friendly : The monitor use fold, rotary system, operators adjusts the monitor position willfully according to own need, reduces wearily.
5. Simple operation by mouse : Without keyboard and work table, control by mouse, save space.
6. 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.
7. Eagle-ey : Could be expediently observing enlargement area.
8. Estimate malfunction by self : Automatic estimate malfunction and prompt message, helpful for the maintenance.

## Technical Data:

Tunnel Size	: 500 (W) ×300 (H) mm
Conveyor Speed	: 0.22m/s
Conveyor Max Load	: 50 kg
Single inspection dosage	: < 1.5 $\mu$ Gy
Wire Resolution	: 0.1mm metal line
Steel Penetration	: 32MM armor plate
Film Safety	: For ISO 1600
Maximum leakage radiation	: <0.3 $\mu$ GY/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%

## Image performance system:

1. X-ray sensor: I 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 absorbtivity mass distinctly
7. Low penetrate strength display: increase contrast of low absorbtivity 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

### **Multi-energy functions:**

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

### **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