

## **10080 X-ray luggage scanner, baggage screening machine**



### **Parameters:**

- 1, **channel dimensions: 1000 (width) × 800 (height) mm**
- 2, conveyor speed: 0.22m / s
- 3, conveyor Max Load: 200kg
- 4, **penetration: 30mm steel**
- 5, pass rate: 720 / h
6. resolution: 0.0787 mm diameter wire
- 7, Resolution: 0.254 mm diameter
- 8, spatial resolution: Horizontal: 1.0 mm diameter vertical: 1.0 mm diameter
9. film Safety: Safety for ISO1600

### **X-ray generator:**

- 1, beam direction: top-illuminated
- 2, tube current: 0.4 ~ 1.2mA (adjustable)
- 3, tube voltage: 100--160 KV (adjustable)
- 4, beam divergence angle: 80 °
- 5, cooling / working periods: Sealed oil cooling / 100%

### **Image Processing System:**

- 1, X-ray sensor: L-shaped photodiode array detector (multiple energy), 12bit depth
- 2, Display: 17 inches high-resolution LCD monitor
- 3, the color image display: According to the material substance, 24-bit true color display
- 4, edge enhancement: the outline of objects more clear edge
- 5, Super image enhancement: clearer image details
- 6, high penetration display: improve the image contrast in bright areas, so as to penetrate the area more clearly
- 7, show low penetration: improve the image contrast in dark areas, so as to penetrate the area more clearly
8. Magnifier: local zoom function, real-time dynamic zoom
- 9, brightening / dimming: Increase brightness of the image / dimming of the image brightness.
- 10, the image pull back / pull before: show 20 images, and the image can be any image processing
- 11, image restoration: an image display restored to its original state

12, Image Storage: real time save any images, and can be any image processing, continuous work to save.

13, single-energy color: organics appear as orange, inorganic displayed in blue, and the mixture is shown in green

14, high energy / low energy: HIGH ENERGE

### **Environment:**

1, working temperature / humidity: 0 °C ~ 45 °C / 20% ~ 95% (non-condensing)

2. Storage temperature / humidity: -20 °C ~ 60 °C / 20% ~ 95% (non-condensing)

3, working voltage: 220VAC ( $\pm 10\%$ ) 50  $\pm 3$ HZ

4, power consumption:  $\leq 1$ KW

5, noise level:  $< 55$ dB

GW: 1000KG

### **Introduction of X-ray baggage scanner / luggage sreening machine**

Screening machine, also known as security apparatus, security inspection X-ray machine, baggage screening machine, channel X-ray machine, product inspection X-ray machine, X-ray security apparatus, X-ray baggage screening machine, X-ray detector, X-ray Inspection System , X-ray machine, X-ray package detector, flammable, explosive, contraband items inspection machine, dangerous product check instrument. Screening machines are widely used in airports, railway stations, bus stations, government buildings, embassies, convention centers, convention centers, hotels, shopping malls, events, post offices, schools, the logistics industry, industrial inspection and other places.