



# X-ray Baggage Scanner

AT5030A

----- *Popular economic Version*

The AT5030A easily accommodates the inspection of hand baggage and parcels.

## General Specification

- Tunnel Size: 500(W)\*300(H)mm
- Conveyor Speed: 0.22m/s
- Conveyor Max Load: 100kg
- Dose per Inspection: <math><2.9 \mu\text{Gy/h}</math>
- Resolution: <math><0.101\text{mm}</math> Metal Wire
- Penetration: 8mm Steel guarantee, 10mm steel typical
- Film Safety: Guarantee ISO1600 Film
- X-ray Leakage: <math><0.05 \mu\text{Gy/h}</math> (at a distance of 5cm From external housing)

## X-ray Generator

- Generate direct: Upward
- Generate angle: 80 degree
- Anode Voltage: 80Kv
- Anode power: 0.4 to 0.5mA
- Cooling / Duty Cycle: Oil Cooling /100%

## Image System

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

## Installation Data

- Operation temperature/Humidity: 0°C-45°C/20%-95%(non-condensing)
- Storage Temperature/Humidity: -20°C-60°C/20%-95%(non-condensing)
- Operation Power: 220VAC( $\pm 10\%$ )50 $\pm 3$ Hz
- Power Consumption: 1.0 KW (max), 0.3KW(working)
- Noise: <math><65\text{db}</math>

