

# ZKX6040A

## Single Energy X-ray Inspection System



ZKX6040A is a single-energy X-ray screening system that provides a highly economical visual inspection solution for carry-on luggage.

ZKX6040A uses a reliable, high-quality X-ray generator. With the superb image algorithm, ZKX6040A could offer a clear scanning image, which allows operators to identify potential threat items visually.

ZKX6040A tunnel opening is as large as 600 mm by 400 mm, benefit from the compact design with a foldable keyboard. It has high mobility and is suitable for hotels, government offices and transportation hubs.

### Features

- Cost-effective
- Pseudo-color scanning image
- Bi-directional
- Foldable Keyboard
- Verification with Fingerprint
- Input/Output Roller Conveyor
- Energy Saving Mode

### Options

- Operator Desk
- Hard Disk
- Video Surveillance
- Display of Cluttered Bag Images together with the Status of the Walk-through Metal Detector

### Software Features

- Perfect View (PV)
- Black / White (B/W)
- Pseudo Colors (PS)
- Inverse View (IN)
- High Penetration (HP)
- Real-time Image Processing and Image Zoom (64x)
- Image of Previous Baggage
- Programmable Function Keys
- Baggage Counter
- Date / Time Indicator
- Threat Image Projection (TIP)

# Specifications

Technical Characteristics	
Tunnel Dimensions (W*H)	600*400 (mm)
Conveyor Speed	0.3m/sec
Load on Conveyor	180kg (evenly distributed)
Conveyor Height	680 mm
Space Definition	HorizontalΦ1.0mm VerticalΦ2.0mm
Steel Penetration	8mm
Wire Resolution	34AWG
Single-energy	Yes
Number of Colors in X-ray Image	3
Dimensions (L*W*H)	1701*910*1305 (mm)
Dimensions with Packing(L*W*H)	2070*1150*1400 (mm)
Net Weight	380 kg
Weight with Packing	480 kg
Film Safety	ASA/ISO1600 standard of film safety
Single Inspection Dosage Rate	≤1.0μGy
Supported Software	ZKBio SIS
Communication Interface	RJ45(TCP/IP)
Radiation Leak Dosage	0.25μ Gy/h (5cm from the surface)

Operating Environment	
Operating Temperature	-10°C to +45°C
Storage Temperature	-20°C to +60°C
Humidity	5-95%, non-condensing
Power Supply	230 VAC +/- 10% / 60/50 Hz (EU) 110 VAC +/- 10% / 60/50 Hz (US)
Power Consumption	Max. 0.3kVA
Sound Pressure	54dB

Computer Specifications	
Processor	Inter core i3-4100
Monitor	21.5" LED display
Memory	Onboard 4 GB RAM
Rom	128G
USB Port	4 ports
Max. Storage	Up to 10,000 scanned images

X-ray Generator	
Tube Current	0.6 mA
Anode Voltage	80kV rated
Generator Cool	Seal oil cooling / 100%
Orientation	Vertically upwards

# Dimensions (mm)

