

# ZKX6040

## High-energy Hassle-free X-ray System



ZKX6040 is an advanced dual-energy X-ray baggage inspection assistant whose capabilities include penetration of up to 35mm of steel with an optimized algorithm. Its tunnel opening is as large as 600 mm by 400 mm.

ZKX6040 can detect organic matter, inorganic substances and mixture accurately in all kinds of packages according to the effective atomic number of the examining objects.

Benefit from the compact design with a foldable keyboard, ZKX6040 has high mobility and could be placed in hotels, government offices, transportation hubs and other occasions.

### Features

- Steel Penetration up to 35mm
- Foldable Keyboard
- Verification with Fingerprint
- Display of Cluttered Bag Images together with the Status of the Walk-through Metal Detector
- Input/Output Roller Conveyor

### Options

- Operator Desk
- Uninterruptible Power Supply (UPS)
- Video Surveillance

Eye Tracker (eye tracking technology reflecting the position of the user's eyes and the gaze point on a screen as they are operating X-ray inspection. There will be a prompt when the operator's eyes are off the screen.)

### 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	0.20m/sec
Load on Conveyer	180kg (evenly distributed)
Conveyor Height	680 mm
Space Definition	HorizontalΦ1.0mm VerticalΦ2.0mm
Steel Penetration	35mm
Wire Resolution	38AWG
Dual-energy Detector	Yes
Number of Colors in X-ray Image	3
Dimensions (L*W*H)	1701*910*1305 (mm)
Package Dimensions (L*W*H)	1990*990*1485 (mm)
Weight	380 kg
Package Weight	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	0.1μ 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. 1.0 kVA
Sound Pressure	54dB

Computer Specifications	
Processor	Intel® Braswell SoC N3160 (QC-2.24GHz)
Monitor	21" LED color
Memory	Onboard 4 GB RAM
Hard Drive	1TB
USB Port	4 ports
Max. Storage	Up to 200,000 scanned images

X-ray Generator	
Tube Current	0.8 mA
Anode Voltage	150 kV rated
Generator Cool	Seal oil cooling / 100%
Orientation	Vertically upwards

## Dimensions (mm)

