XRM5000
Baggage Inspection X-Ray Machine

XRM5000 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.

XRM5000 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, **XRM5000** has high mobility and could be placed in hotels, government offices, transportation hubs.

Features

Steel Penetration up to 35mm

Foldable Keyboard

Verification with Fingerprint

Display of Cluttered Bag Images together with the Status of the Walk-though 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) / **23*15 in**
Conveyor Speed	0.20m/sec
Load on Conveyer	180kg (evenly distributed)
Conveyor Height	680 mm / **26 in**
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) / **67*36*52 in**
Package Dimensions (L*W*H)	1990*990*1485 (mm) / **83*48*63 in**
Weight	380 kg / **838 lb**
Package Weight	480 kg / **1059 lb**
Film Safety	ASA/ISO1600 standard of film safety
Single Inspection Dosage Rate	≤1.0μGy
Supported Software	Bio SIS
Communication Interface	RJ45(TCP/IP)
Radiation Leak Dosage	0.1μ Gy/h (5cm from the surface)

Operating Environment

Operating Temperature	-10℃ to +45℃
Storage Temperature	-20℃ to +60℃
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/in)