

6040

X-RAY INSPECTION

Explosives, Weapons and Contraband



SINGLE SOURCE, MULTI-ENERGY

X-RAY INSPECTION

TSA Qualified



The single-source, multi-energy 6040 X-ray inspection system is designed to screen small- to mid-sized items for weapons, explosives, drugs and other contraband. The right size for scanning strollers, briefcases, backpacks, purses and other hand-carried items, this powerful scanner is small enough to fit in elevators, narrow halls and tight spaces. The user-friendly 6040 delivers best-in-class speed and detection capability and makes the most of available space.

- > Rapidly images full mailbags and long or tall items
- > Fits in elevators, narrow halls and tight spaces
- > Patented guided conveyor belt never needs adjusting

APPLICATIONS:

- > Passenger, Staff and Visitor Checkpoint Inspection
- > Corporate, Government and Private Security
- > Critical Infrastructure Security
- > Mail Screening

6040 SPECIFICATIONS

X-RAY INSPECTION

PHYSICAL DETAILS

Tunnel Size:	60.0 x 40 cm 23.6 x 12.6 in. (W x H)
Dimensions:	156.1 x 82.6 x 127.3 cm 61.5 x 32.5 x 50.1 in. (L x W x H)
Weight:	353 kg (778 lbs.) uncrated 413 kg (910 lbs.) crated
Construction:	Robust heavy gauge, epoxy-painted, steel frame construction. Stainless steel and aluminum trim and accessories. Non-marking casters.
Temperature:	Operating: 0° to 40°C (32° to 104°F) Storage: -20° to 60°C (-4° to 140°F)
Humidity:	20% to 95%, non-condensing
Power Consumption:	< 0.8 kVA; < 8 amps 100, 120 volts AC ±10%; < 4 amps 200, 220, 230, 240, 250 volts AC ±10%, all at 50 or 60 Hz.

X-RAY GENERATOR

X-ray Tube Head:	Self-contained with sealed oil bath cooling
High Voltage Rating:	160kV rated, operating at 150kV
Duty Cycle:	100%
Beam Orientation:	Diagonal (80° beam divergence)
Dose per Exam:	<0.1 mR (1 µSv)

INSPECTION CAPABILITIES

Material Penetration:	32-35mm in steel
Contrast Sensitivity:	Over 2 million color tones standard
Resolution:	38 - 40 AWG wire
Conveyor Speed:	24 cm (9.4 in.) per second 14.6 m (48 ft.) per minute
Pulling Weight:	160 kg (352 lbs.) with higher weights available.

Film Safety:	Guaranteed for high-speed film up to ISO 1600 (33 DIN)
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DETECTORS

High-speed, ultra-sensitive photodiode detector array;
L-shaped for 100% object screening

VIDEO

19" color LCD monitor, 1280 x 1024 video card

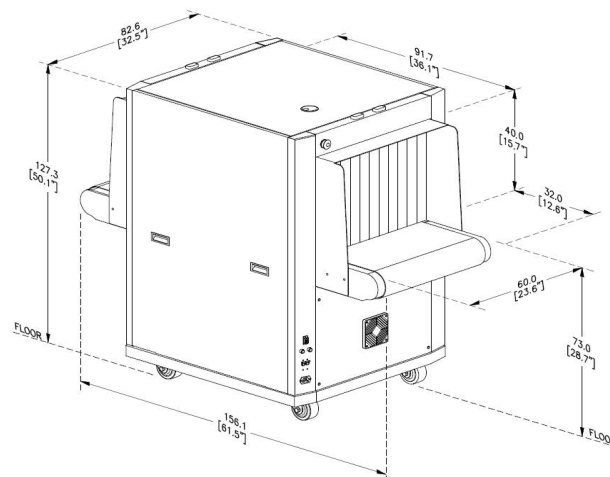
STANDARD FEATURES

- autoSoft (LINUX) operating system
- Full-size operator control panel (OCP) with touchpad navigation
- autoTracking guided conveyor belt system
- Reversible conveyor direction
- High/low density stripping
- Organic/inorganic stripping
- Color; reverse B/W imaging
- Interactive help screens
- 128x Smart Zoom
- D-SCAN
- Dark and light enhance
- RealClear
- autoDensAlert
- autoOutline
- autoSensing
- autoScale
- autoCal
- autoImage recall (10 images)
- Z-SCAN
- Save screen to USB
- Adjustable zoom preview window

OPTIONS

- Loading or exit rollerbeds
- Conveyor extensions
- Tunnel extensions
- Tropical humidity kit
- DVD drive
- autoMatAlert²
- autoZ display¹
- Image archiving²
- Threat image projection (TIP)¹
- Built-in training¹
- Level 1 networking
- Level 2 and 3 networking¹
- Variable height OCP mount
- Dual and larger monitors
- Locking monitor garage
- Laser printer
- Console desk
- kV, mA meter
- Uninterruptible power supply
- Optical X-ray on/off sensor
- Footpad
- CE/CSA/ETL compliance²
- Item counter¹
- Lighted E-Stops²
- User management²
- STI Viewer software for archived image analysis
- Locking metal OCP cover

¹Not an option with TSA air cargo screening configuration.
²Standard with TSA air cargo screening configuration only



NOTE: Non-marking casters. Dimensions are in centimeters.