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.

- > TSA qualified for air cargo screening
- > 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

PHYSICAL DETAILS

Tunnel Size: 62 0 x 42 0 cm

24.4 x 16.5 in. (W x H)

154.6 x 80.9 x 126.4 cm **Dimensions:**

60.9 x 31.9 x 49.8 in. (L x W x H)

Weight: 352 kg (775 lbs.) uncrated

442 kg (975 lbs.) crated

Construction: Unibody heavy gauge epoxy painted

steel construction with stainless steel and aluminum trim and accessories;

non-marking casters

-15° to 55°C (5° to 131°F) Temperature:

Humidity: 20% to 95%, non-condensing

Storage: To 65°C (149°F)

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

High Voltage Rating: 160 kV, operating at 140 kV **Duty Cycle:** 100% with sealed oil bath cooling **Beam Orientation** Diagonal (80° beam divergence)

Dose Per Exam: 0.1 mR (1 μSv)

INSPECTION CAPABILITIES

Material Penetration: 28-29 mm (1.10-1.14 in.) steel

Contrast Sensitivity: Over 2 million color tones standard

Resolution: 38-40 AWG wire

Processing: 32-bit adaptive image processing with

> minimum 1 Gbytes+ memory; 2.2GHz+ dual core processor; video processing

using next generation graphical

processing unit architecture with 550MHz+ GPU clock, 512Mbyte+ video memory and

32+ stream processing cores

Conveyor Speed: 24 cm (9.4 in.) per second

14.6 m (48 ft.) per minute

Pulling Weight: 150 kg (331 lbs.) with higher

weights available

Film Safety: Guaranteed for high-speed film up

to ISO 1600 (33 DIN)

DETECTORS

L-shaped detector for 100% object screening

Surface mounted, multilayer, fully integrated, high frequency solid state detectors using high speed processors and Pentium 4 image processing

VIDEO

17" color LCD monitor, 1280 x 1024 video card

STANDARD FEATURES

- autoSoft 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
- Adjustable zoom preview

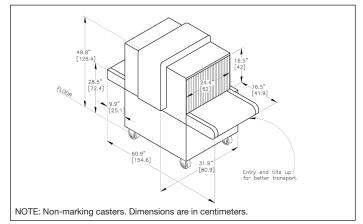
window

- D-SCAN
- Dark and light enhance
- RealClear
- autoDensAlert
- autoOutline
- autoSensing
- autoScale
- autoCal
- autoImage recall (10 images)
- 7-SCAN
- Save screen to USB
- Item counter1

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
- User management²
- STI Viewer software for archived image analysis

- Locking metal OCP cover
- Variable height OCP mount
- Dual and larger monitors
- Monitor platform
- Locking monitor garage
- Laser printer
- Console desk
- kV, mA meter
- Uninterruptible power supply
- Optical X-ray on/off sensor
- Footpad
- CE/CSA/ETL compliance²





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ISO 9001-2008 REGISTERED

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Not standard or an option with TSA air cargo screening configuration Standard with TSA air cargo screening configuration only