# 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

#### X-RAY INSPECTION

#### **PHYSICAL DETAILS**

**Tunnel Size:** 62.0 x 42.0 cm

24.4 x 16.5 in. (W x H)

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

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

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

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:** 160 kV, operating at 140 kV

**Duty Cycle:** 100%

Diagonal (80° beam divergence) **Beam Orientation** 

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

38-40 AWG wire Resolution:

32-bit adaptive image processing with **Processing:** 

> 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**

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

#### **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)

Z-SCAN

Save screen to USB

#### **OPTIONS**

Loading or exit rollerbeds

Conveyor extensions

Tunnel extensions

Tropical humidity kit

DVD drive

autoMatAlert2

autoZ display1

Image archiving<sup>2</sup>

Threat image projection (TIP)1

Built-in training1

Level 1 networking

Level 2 and 3 networking<sup>1</sup>

User management<sup>2</sup>

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

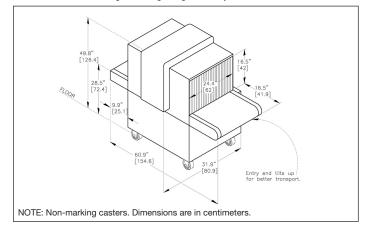
Footpad

CE/CSA/ETL compliance<sup>2</sup>

Item counter1

Lighted E-Stops<sup>2</sup>

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



ISO 9001-2008 REGISTERED

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