6080
X-RAY INSPECTION

Explosives, Weapons and Contraband

AUTOCLEAR
SECURITY INSPECTION SYSTEMS

SINGLE VIEW, MULTI-ENERGY

The 6080 multi-energy X-ray scanner delivers a clear picture of hidden explosives, weapons, drugs and other contraband in hand-carried and small- to mid-sized items. Our autoSoft operating system gives a bold boost to our suite of image enhancement tools, allowing operators to more quickly and easily manipulate image data for the best possible picture of concealed threats.

> Quickly images long or tall items

> Side shooter generator design enhances fine lines on screen

> Made for scanning of carry-ons, travel bags, handbags, suitcases or luggage bags

> Built on the industry's most stable and flexible operating system

APPLICATIONS:

> Luggage Screening

> Staff and Visitor Checkpoint Inspection

> Hotels and Convention Security

> Critical Infrastructure Security

6080 SPECIFICATIONS

PHYSICAL DETAILS

Tunnel Size: 60.0 x 80 cm
23.62 x 31.49 in. (W x H)

Dimensions: 286.4 x 116.5 x 122.6 cm
112.75 x 45.88 x 48.28 (L x W x H)

Weight: 352 kg (1,025 lbs.) uncrated
442 kg (1,275 lbs.) crated

Construction: Unibody heavy gauge epoxy painted steel construction with stainless steel and aluminum trim and accessories; non-marking casters

Temperature: 0° to 40°C (32° to 104°F)

Humidity: 20% to 95%, non-condensing

Storage: To 65°C (149°F)

Power Consumption: < 0.9 kVA; < 8 amps 100, 120 volts AC +10%; < 4 amps 200, 220, 240, 250 volts AC ±10%; all at 50 or 60 Hz

X-RAY GENERATOR

X-ray Tube Head: Self-contained, shielded tank 160

High Voltage Rating: 160kV operating at 140KV

Duty Cycle: 100% with sealed oil bath cooling

Beam Orientation: Diagonal (80° beam divergence)

Dose Per Exam: 0.1 mR

INSPECTION CAPABILITIES

Material Penetration: 28 mm (1.10 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: 24.0 cm (9.4 in.) per second
13.71 m (45.0 ft.) per minute

Pulling Weight: 100 kg (221 lbs.)

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
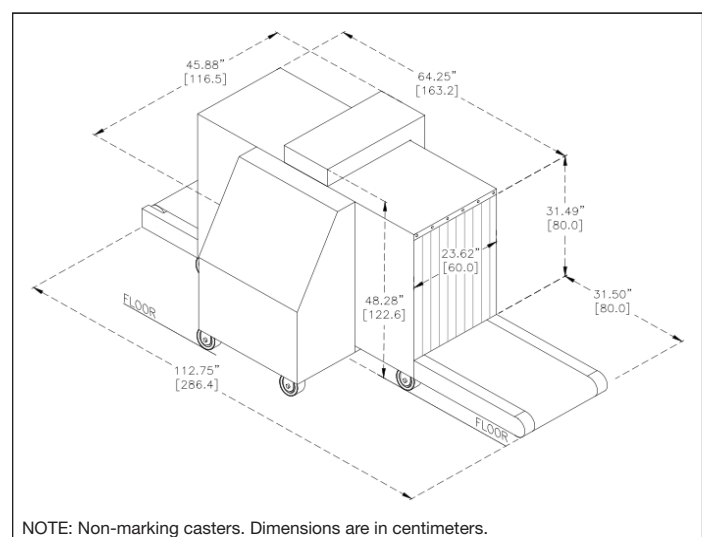
VIDEO

19" 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 and stripping
- Organic/inorganic stripping
- Color; reverse B/W imaging
- Interactive, user-friendly help screens
- 128x Smart Zoom
- D-SCAN
- Dark and light enhance
- RealClear
- autoDensAlert
- autoOutline
- autoSensing
- autoScale
- autoCal
- Z-SCAN
- Save screen to USB
- autoImage recall (10 images)
- Adjustable zoom preview window

OPTIONS

- Loading or exit rollerbeds
- Tropical humidity kit
- DVD drive
- autoMatAlert
- autoZ display
- Image archiving
- Threat image projection (TIP)
- Built-in training
- Level 1, 2 and 3 networking
- User management
- Item counter
- autoArchive
- Locking metal OCP cover
- Variable height OCP mount
- Larger monitors
- Locking monitor garage
- Laser printer
- Console desk
- kV, mA meter
- Power conditioner, or UPS
- Optical X-ray on/off sensor
- Footpad
- STI Viewer software for archived image analysis
- Remote operation

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