

6080 X-RAY INSPECTION

Explosives, Weapons and Contraband



SINGLE SOURCE, MULTI-ENERGY

X-RAY INSPECTION



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

- > Quickly images long or tall items
- > Side shooter generator configuration design displays stacked items that would otherwise be obscured by each other in a vertical beam machine
- > 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
- > Mail Screening

6080 SPECIFICATIONS

X-RAY INSPECTION

PHYSICAL DETAILS

Tunnel Size:	60.0 x 80.0 cm 23.62 x 31.49 in. (W x H)
Overall Dimensions:	286.4 x 116.5 x 122.6 cm 112.75 x 45.88 x 48.28 in. (L x W x H)
Weight:	352 kg (776 lbs.) Net weight 442 kg (974 lbs.) Shipping weight
Construction:	Unibody heavy gauge epoxy painted steel construction with stainless steel and aluminum trim and accessories; non-marking casters
Temperature:	Operating: 0° to 40° C (32° to 104° F) Storage: -20° C to 60° C (-4° to 140° F)
Humidity:	20%-95%, non-condensing
System Power:	115/230 VAC +/- 10% 60/50 Hz 0.8 kVA max

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%
Beam Orientation:	Diagonal (80° beam divergence)
Dose per Exam:	<0.1mR; <i>May be higher or lower due to differing combinations of kV level & X-ray beam configuration</i>
Radiation Leakage:	<0.5mR/hr (<5.0µSv/hr); <0.1mR/hr (<1.0µSv/hr) available

INSPECTION CAPABILITIES

Material Penetration (steel):	28 mm guaranteed (29 mm typical)
Contrast Sensitivity:	Over 2 million color tones standard
Resolution (wire):	38 AWG guaranteed (40 AWG typical)
Conveyor Speed:	24.0 cm (9.4 in.) per second 14.6 m (48 ft.) per minute
Pulling Weight:	160 kg (352 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% package screening

VIDEO

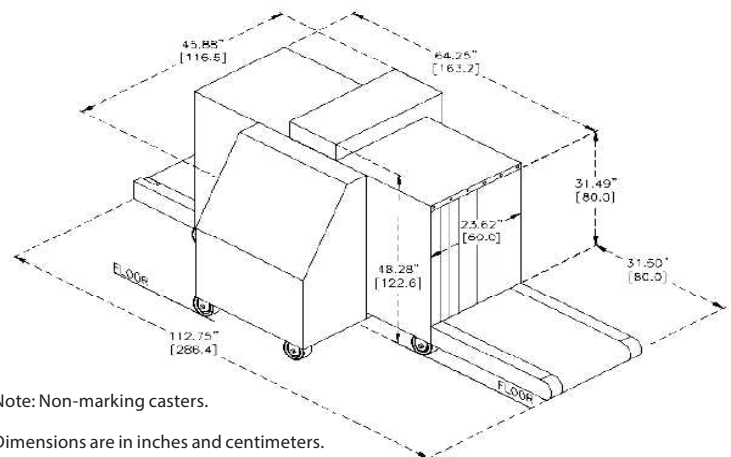
19" Color LCD monitor, 1280 x 1024 video card

STANDARD FEATURES

- autoCal
- autoDensalert
- autoImage recall (10 images)
- autoOutline
- autoScale
- autoSeasoning
- autoSensing
- autoSoft (LINUX) operating system
- autoTracking guided conveyor belt
- 128x Smart Zoom
- Adjustable zoom preview window
- Color; reverse B/W imaging
- Dark and light enhance
- D-SCAN
- Full-sized operator control panel (OCP) with touchpad navigation
- High/Low Density and Stripping
- Interactive help screens
- Organic / Inorganic
- RealClear
- Real-Time Diagnostics
- Reversible conveyor direction
- Save screen to USB
- Z-SCAN

OPTIONS

- autoArchive
- autoColor+
- autoMatAlert
- autoZ display
- Built-in training
- CE/CSA/US safety/EMC certification
- Console desk
- DVD drive
- Footpad
- Image archiving (500K)
- Image export in BMP & JPG
- Item counter
- kV, mA meter
- Larger monitors (at least: 24", HD flicker-free LCD; 1920x1080 res.)
- Laser printer
- Loading or exit rollerbeds
- Locking metal OCP cover
- Locking monitor garage
- Monitor platform
- Optical X-ray on/off sensor
- Networking:
 - autoNet Live View
 - Remote Diagnostics
 - Remote Image Review
 - Remote Management
- Power conditioner or UPS
- Remote Operation
- Sharp Scroll
- Threat Image Projection (TIP)
- Tropical humidity kit
- User management
- Variable height OCP mount
- X-ray Image Viewer Software



Note: Non-marking casters.

Dimensions are in inches and centimeters.



www.securityprousa.com

Security Pro USA

8543 Venice Blvd.,
Los Angeles, CA 90034,
United States

Tel. 800.264.8273

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