

10080T X-RAY INSPECTION

Explosives, Weapons and Contraband



SINGLE SOURCE, MULTI-ENERGY

X-RAY INSPECTION



The rugged 10080T is designed to screen large items for potentially hidden explosives, weapons, narcotics and other contraband. Whether searching for threats in large boxes, cargo or checked baggage, this powerful unit delivers clear, sharp images. The system's 160 kV rated generator and multi-energy color marking enables operators to rapidly and easily spot organic, inorganic and mixed materials in even the most crowded boxes or bags.

- > L-shaped detector for 100% object screening
- > Guided conveyor belt never needs adjusting
- > Lower profile, array-on-top design sharpens details
- > Low conveyor belt provides a shorter distance to lift items to be scanned

APPLICATIONS:

- > Hold Baggage Inspection
- > Customs and Border Inspection
- > Passenger, Visitor and Delivery Checkpoints
- > Cargo and Freight Screening

10080T SPECIFICATIONS

PHYSICAL DETAILS

Tunnel Size:	100.0 x 80.0 cm 39.4 x 31.4 in. (W x H)
Overall Dimensions:	317.0 x 129.3 x 172.9 cm 124.8 x 50.9 x 68.1 in. (L x W x H)
Weight:	590 kg (1,301 lbs.) Net weight 862 kg (1,900 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

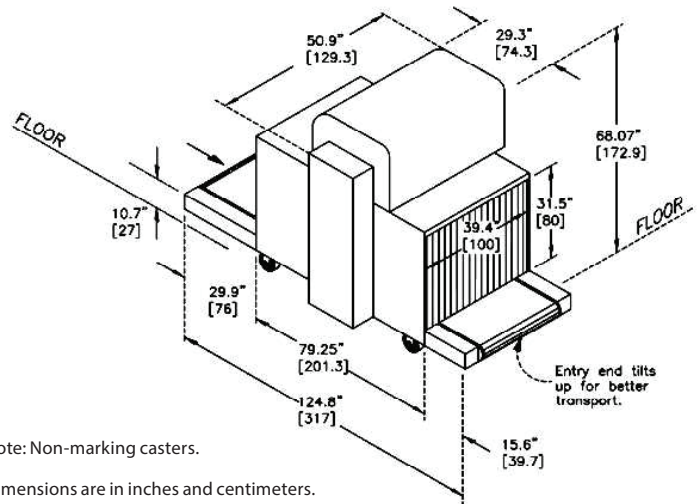
19" Color LCD monitor, 1280 x 1024 video card

STANDARD FEATURES

- autoCal
- autoDensAlert
- autoImage recall (10 images)
- autoOutline
- 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
- Dual conveyor motors
- Dual monitors
- 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
- Networking:
 - autoNet Live View
 - Remote Diagnostics
 - Remote Image Review
 - Remote Management
- Optical X-ray on/off sensor
- 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.



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