

10080T X-RAY INSPECTION

Explosives, Weapons and Contraband

SINGLE SOURCE, DUAL-ENERGY

X-RAY INSPECTION



The rugged 10080T is designed to screen large items for 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 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

APPLICATIONS:

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

10080T SPECIFICATIONS

X-RAY INSPECTION

PHYSICAL DETAILS

Tunnel Size:	100.0 x 80.0 cm 39.4 x 31.4 in. (W x H)
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 (1,300 lbs.) uncrated 862 kg (1,960 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:	< 7.5 amps 100, 110 volts AC ±10%; < 3.75 amps 200, 220, 230, 240, 250 volts AC ±10%; all at 50 or 60 Hz

X-RAY GENERATOR

X-ray Tube Head:	Self-contained, shielded tank
High Voltage Rating:	160 kV
Duty Cycle:	100% with sealed oil bath cooling
Beam Orientation:	Diagonal (80° beam divergence)
Dose Per Exam:	0.1 mR

INSPECTION CAPABILITIES

Material Penetration:	27–29 mm (10.6–11.4 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 14.6 m (48.0 ft.) per minute
Pulling Weight:	150 kg (331 lbs.)
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

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
- autoImage recall (10 images)
- RealClear
- autoDensAlert
- autoOutline
- autoSensing
- Z-SCAN
- autoCal
- Save screen to USB
- Adjustable zoom preview window

OPTIONS

- Loading or exit rollerbeds
- Tropical humidity kit
- Dual conveyor motors
- autoMatAlert
- AutoZ display
- Image archiving (500K)
- Threat Image Projection (TIP)
- Built-in training
- Level 1, 2 and 3 networking
- User management
- Locking metal OCP cover
- STI Viewer software for archived image analysis
- Variable height OCP mount
- kV, mA meter
- Power conditioner, or UPS
- Optical X-ray on/off sensor
- Locking monitor garage
- Dual and larger monitors
- Laser printer
- Console desk
- DVD drive
- Footpad
- Item counter
- autoArchive
- Remote operation

