# 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

#### **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)

20% to 95%, non-condensing **Humidity:** 

To 65°C (149°F) Storage:

**Power Consumption:** < 7.5 amps 100, 110 volts AC  $\pm 10\%$ ;

> < 3.75 amps 200, 220, 230, 240, 250 volts AC ±10%; all at 50 or 60 Hz

#### **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

# 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 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**

**Conveyor Speed:** 

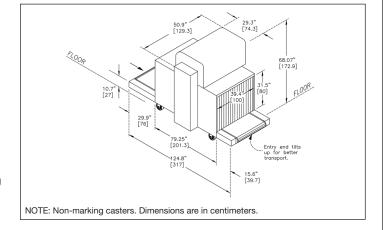
L-shaped detector for 100% object screening

Surface mounted, multilayer, fully integrated, high frequency solid state detectors using high speed processors and Pentium 4 image processing

## **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





World Headquarters 2 Gardner Road Fairfield NJ 07004 USA Tel. 1 973.276.6000 **Toll-free** 1 800.231.6414 Fax. 1 973.276.6162

info@autoclear.com

ISO 9001-2008 REGISTERED

© 2011-2013 Autoclear CheckGate® Control Screening® Dynavision®, HandWand® and Scintrex® are among our many registered trademarks. All rights reserved. Autoclear reseves the right to update this information presented in this document at any time, without notice.