150150
X-RAY INSPECTION

Explosives, Weapons and Contraband

AUTOCLEAR
SECURITY INSPECTION SYSTEMS

SINGLE SOURCE, MULTI-ENERGY

Featuring a heavy-duty, motorized rollerbed conveyor, the Autoclear 150150 X-ray inspection system is designed to screen cargo and pallets for weapons, explosives, currency and other contraband. The low positioned rollerbed makes it convenient for pallet loading and offloading when screening shipments at customs facilities, airports and warehouses. Detailed X-ray images with advanced image enhancement tools assist operators to locate areas of concern in densely packed items.

> Screen dense cargo, break bulk, and out of gauge objects quickly and thoroughly

> Extremely rugged frame construction resists wear

> Built to meet the most challenging throughput demands

APPLICATIONS:

> Cargo and Freight Screening

> Hold Baggage Inspection

> Customs and Border Inspection

> Delivery Checkpoints

150150 SPECIFICATIONS

PHYSICAL DETAILS

Tunnel Size: 150.0 x 150.0 cm
59.0 x 59.0 in. (W x H)

Dimensions: 367.0 x 240.0 x 208.7 cm
144.5 x 94.5 x 82.2 in. (L x W x H)

Weight: 1,406 kg (3,100 lbs.) uncrated
1,633 kg (3,600 lbs.) crated

Construction: Steel frame inner construction with stainless steel and heavy gauge epoxy painted outer panels and trim; 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: < 2.5 kVA, three phase 208, 380, 415 or 480 volts AC ±10%; all at 50 or 60 Hz

X-RAY GENERATOR

X-ray Tube Head: Self-contained

High Voltage Rating: 160 kV, operating at 140 kV

Duty Cycle: 100% with sealed oil bath cooling

Beam Orientation: Diagonal (80° beam divergence)

Dose Per Exam: 0.1 mR (1 µSv)

INSPECTION CAPABILITIES

Material Penetration: 27–29 mm (1.06–1.14 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: 1,200 kg (2,700 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
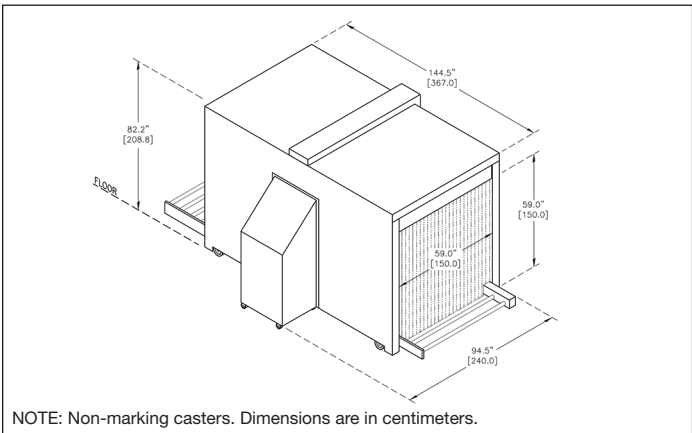
VIDEO

Color 19" monitor, 1280 x 1024 video card

STANDARD FEATURES

- autoSoft operating system
- Full-size operator control panel (OCP) with touchpad navigation
- Motorized rollerbed conveyor
- Reversible rollerbed direction
- High/low density stripping
- Organic/inorganic stripping
- Color; reverse B/W imaging
- Interactive help screens
- 128x Smart Zoom
- Adjustable zoom preview window
- D-SCAN
- Dark and light enhance
- RealClear
- autoDensAlert
- autoOutline
- autoSensing
- Save screen to USB
- autoCal
- autoImage recall (10 images)
- Z-SCAN

OPTIONS

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

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

For more of your security product needs:
"Check out our webpage **www.tridentet.com,**
Email us at **sales@tridentet.com** or
simply call us today at **65.67383922** "