7555DVS
X-RAY INSPECTION

Explosives, Weapons and Contraband

SINGLE SOURCE, MULTI-ENERGY

Built to handle the toughest throughput demands, the high-capacity 7555DVS X-ray scanner is ideal for screening mid-size parcels, cargo, luggage and more. This heavy-duty system delivers best in-class speed and reliability when screening for explosives, weapons, drugs and other contraband. Multi-energy color material marking and stripping gives operators the edge when inspecting the most cluttered and densely-packed objects.

> Bottom-up generator configuration creates industry-standard vertical view
> Built on the industry's most stable and flexible operating system
> Patented guided conveyor belt never needs adjusting

APPLICATIONS:

> Cargo Screening
> Passenger, Staff and Visitor Checkpoint Inspection
> Corporate, Government and Private Security
> Critical Infrastructure Security
> Mail Screening

7555DVS SPECIFICATIONS

PHYSICAL DETAILS

Tunnel Size:	75.0 x 55.0 cm 29.6 x 21.7 in. (W x H)
Overall Dimensions:	204.0 x 97.7 x 140.3 cm 80.3 x 38.3 x 55.2 in. (L x W x H)
Weight:	454 kg (1,000 lbs.) Net weight 589 kg (1,299 lbs.) Shipping weight
Construction:	Robust heavy gauge, epoxy-painted, steel frame construction. Stainless steel and aluminum trim and accessories. Non-marking casters and leveling jackscrews.
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; *May be higher or lower due to differing combinations of kV level & X-ray beam configuration*
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 photdiode detector array;
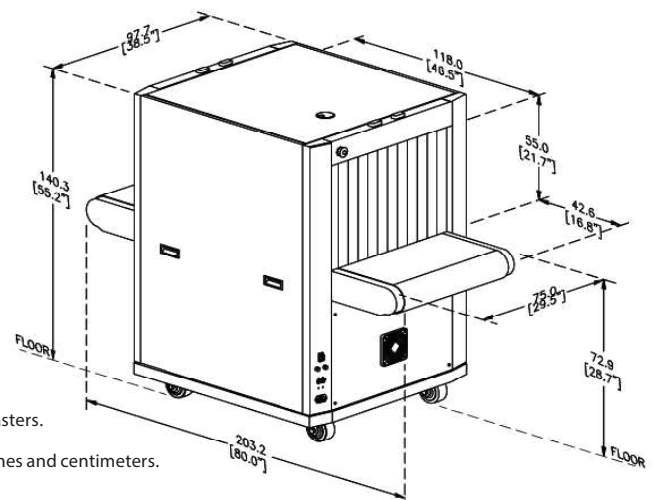L-shaped for 100% package screening

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
- 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
- Dual monitors
- Higher pulling weight
- 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/exit rollerbeds
- Locking metal OCP cover
- Locking monitor garage
- Mobile networking
- 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.