5333DVS
X-RAY INSPECTION

Explosives, Weapons and Contraband

SINGLE SOURCE, MULTI-ENERGY

Designed for screening mid-sized items for weapons, explosives, drugs and other contraband, the single-source, multi-energy 5333DVS X-ray inspection system is fast and easy to operate. Ideal for screening hand carried items such as purses, briefcases, backpacks, strollers, small parcels and more, the compact 5333DVS is a great choice for small and limited spaces. The system's low profile, bottom-up generator design makes smaller items appear much sharper and larger on-screen.

> Rapidly images full mailbags and long or tall items

> Fits in elevators, narrow halls and tight spaces

> Patented guided conveyor belt never needs adjusting

> Built on the industry's most stable and flexible operating system

> Two generator power levels to choose from (see back for details)

APPLICATIONS:

> Passenger, Staff and Visitor Checkpoint Inspection

> Corporate, Government and Private Security

> Critical Infrastructure Security

> Mail Screening

STAC CERTIFIED

5333DVS SPECIFICATIONS

PHYSICAL DETAILS

Tunnel Size:	53.0 x 33.1 cm 20.8 x 13.0 in. (W x H)
Overall Dimensions:	133.2 x 74.0 x 112.2 cm 52.4 x 29.1 x 44.3 in. (L x W x H)
Weight:	100 kV: 275 kg (606 lbs.) Net weight 328 kg (723 lbs.) Shipping weight 160 kV: 333 kg (734 lbs.)Net weight 380 kg (838 lbs.) Shipping weight
Construction:	Robust heavy gauge, epoxy-painted, steel frame construction. Stainless steel and aluminum trim and accessories. Non-marking casters.
Temperature:	Operating: 0° to 40° C (32° to 104° F) Storage: -20° to 60° C (-4° to 140° F)
Humidity:	20%-95%, non-condensing
System Power:	100/115/230 VAC +/- 10% 60/50 Hz 0.7 kVA max

X-RAY GENERATOR

X-ray Tube Head:	Self-contained with sealed oil bath cooling
High Voltage Rating:	100 kV, operating at 90 kV (standard) or 160 kV, operating at 140 kV (optional)
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 (steel) Penetration:	10 mm guaranteed (11 mm typical) with 100KV 28 mm guaranteed (29 mm typical) with 160 KV
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:	165 kg (363 lbs.)
Film Safety:	Guaranteed for high-speed film up to ISO 1600 (33 DIN)

DETECTORS

High-speed, ultra-sensitive photodiode detector array;

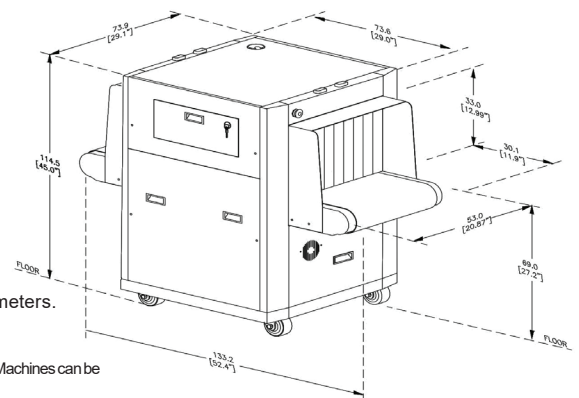L-shaped for 100% package screening

VIDEO

22" Color LCD monitor, 1920x1080 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
- Bag jam / incomplete scan detector
- Dark and light enhance
- Diagnostics data download
- D-SCAN

- Easy to use, customizable operator control panel with trackpad gestures
- High/Low Density Enhance
- Interactive help screens
- Invert Image
- Language translations
- Multi-energy color imaging for material discrimination
- Organic / Inorganic highlight
- RealClear
- Real-Time Diagnostics
- Reversible conveyor direction
- Save screen to USB
- USB OCP Folding Shelf
- Z-SCAN

OPTIONS

- AI Threat Assist *
- autoMatAlert, autoNarcAlert
- autoArchive
- autoColor+   *
- autoZ display   *
- 160 kV generator operating at 140 kV
- Built-in training
- CE/CSA/US safety/EMC/STAC certification **
- Console desk
- Conveyor Extensions
- Dual monitors
- DVD drive
- Footpad
- Image Archiving (up to 500K images)
- Image export in BMP & JPG
- Inspection station
- Item counter
- kV, mA meter
- Larger monitors: 24 "+
- Laser printer

- Lighted E-stops
- Loading or exit rollerbeds
- Locking OCP and monitor covers
- Networking:
  - autoNet Live View
  - Remote Diagnostics
  - Remote Image Review
  - Remote Management
  - SNMP fault reporting , HTTP API
- Optical X-ray on/off sensor
- Remote Operation
- Sharp Scroll
- Threat Image Projection (TIP)
- Tropical humidity kit
- Tunnel extensions
- Uninterruptible power supply
- User management
- Variable height OCP mount
- X-ray image viewer software

Note: Non-marking casters.

Dimensions are in inches and centimeters.

*160kV models, only

**CE/CSA/US safety/EMC/STAC are options . Machines can be built to those specifications upon request.