5333
X-RAY INSPECTION

Explosives, Weapons and Contraband

SINGLE SOURCE, MULTI-ENERGY

X-RAY INSPECTION

Shown with optional tunnel extensions.

Designed for screening small to mid-sized items for weapons, explosives, drugs and other contraband, the single-source, multi-energy 5333 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 5333 is a great choice for small or limited spaces. The system's low profile, bottom-up generator design makes fine lines 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

APPLICATIONS:

> Passenger, Staff and Visitor Checkpoint Inspection

> Corporate, Government and Private Security

> Critical Infrastructure Security

> Mail Screening

5333 SPECIFICATIONS

PHYSICAL DETAILS

Tunnel Size: 53.0 x 33.0 cm
20.9 x 13.0 in (W x H)

Dimensions: 125.4 x 72.1 x 111.4 cm
49.4 x 28.4 x 43.6 in. (L x W x H)

Weight: 236 kg (520 lbs.) uncrated
313 kg (690 lbs.) crated

Construction: Unibody heavy gauge epoxy painted steel construction with 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% to 95%, non-condensing

Power Consumption: < 0.7 kVA 100, 120, 200, 220, 240, 250 volts AC +10%; < 7 amps 100, 120 volts AC ±10%; < 3.5 amps 200, 220, 240, 250 volt; all at 50 or 60 Hz

X-RAY GENERATOR

X-ray Tube Head: Self-contained with sealed oil bath cooling

High Voltage Rating: 100 kV, operating at 90 kV

Duty Cycle: 100%

Beam Orientation: Diagonal (80° beam divergence)

Dose Per Exam: 0.1 mR (1 µSv)

INSPECTION CAPABILITIES

Material Penetration: 10–11 mm (0.39 –0.43 in.) steel w/100 kV
28–29 mm (1.10–1.14 in.) steel w/160 kV

Contrast Sensitivity: Over 2 million color tones standard

Resolution: 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 ft.) per minute

Pulling Weight: 150 kg (331 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% object screening

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 stripping
- Organic/inorganic stripping
- Color; reverse B/W imaging
- Interactive help screens
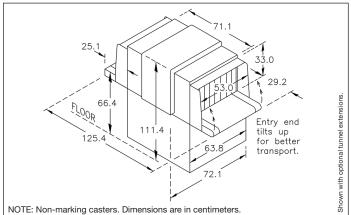- 128x Smart Zoom
- Adjustable zoom preview window
- D-SCAN
- Dark and light enhance
- RealClear
- autoDensAlert
- autoOutline
- autoSensing
- autoScale
- autoCal
- autoImage recall (10 images)
- Z-SCAN
- Save screen to USB

OPTIONS

- 160 kV generator, operating at 140 kV
- Loading or exit rollerbeds
- Tunnel extensions
- Conveyor extensions
- Loading or exit 18" parcel slide
- Tropical humidity kit
- DVD drive
- autoMatAlert[1]
- autoShieldAlert[2]
- Image archiving (500K)
- Threat image projection (TIP)
- Built-in training
- Level 1, 2 and 3 networking
- autoZ display management
- STI Viewer software for archived image analysis
- Locking metal OCP cover
- Variable height OCP mount
- Dual and larger monitors
- Monitor platform
- Locking monitor garage
- Laser printer
- Console desk
- kV, mA meter
- Uninterruptible power supply
- Optical X-ray on/off sensor
- Footpad
- Item counter
- User

[1] Not available as an option with 100 kV configuration.

[2] Available as an option with 100 kV configuration.

25.1
71.1
33.0
29.2
66.4
53.0
FLOOR
Entry end tilts up for better transport.
111.4
125.4
63.8
72.1

Shown with optional tunnel extensions.

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