5333
X-RAY INSPECTION

Explosives, Weapons and Contraband

AUTOCLEAR
autoclear.com

SINGLE SOURCE, MULTI-ENERGY

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.

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

Shown with optional tunnel extensions.