

EOD056 SYSTEM 6040 X-RAY SCREENING SYSTEM

The System 6040 (featuring a 60.0 cm wide x 40.0 cm high or 24.4" wide x 16.5" high tunnel opening) is a high capacity, high penetration, heavy-duty, conveyORIZED X-ray scanner designed to inspect carry-on bags, briefcases, mail trays and parcels.

With a large tunnel opening it is ideal for use in:

Airports • Seaports • Courts • Customs • Corporate Facilities • Government Buildings • Postal • Checkpoints • Loading Docks • Mailrooms • Corrections Facilities • Nuclear • Access Control • Special Events • Hospitals • Rail or Bus Stations • Police Stations • Military Bases



Key features:

- autoTracking® guided conveyor belt system never needs adjustment, lowering operating costs.
- autoSensing® eliminates the need for troublesome photosensors or footpad switch. Assures 100% screening of thin blades or plastique in magazines or courier envelopes, or of bag already in tunnel at start-up.
- Parcel contents are displayed at normal scale, wherever located, automatically and without distortion (autoScale®). RealClear® function reveals components of dense items in realtime without lags or delays.
- Narrower footprint enhances security and conveniently fits in elevators, 32" doorways and tight spaces; conveyor end folds up for transport.

- Features Pentium 4, 17" monitor, RealClear®, autoScale®, autoDensalert®, autoOutline®, autoSensing®, autoCal®, 64X Smart Zoom, Lighten, Help, DensityScan, and Low Density Stripping, among other features.
- Compact version (above) or airport version with extended conveyor(s).
- Multi-Energy Color option with Organic/ Inorganic Stripping is popular. TIP, Training and Image Archiving also available. auto- Matalert®, option highlights suspect materials using atomic number and density.
- Interactive training and highly responsive local service. Engineered, made and rigorously tested to ISO 9001 and regulatory standards

Overall Dimensions: 154.6 cm (60.9") L x 80.9 cm (31.9") W x 126.4 cm (49.8") H

Inspection Capabilities

Tunnel Size: 24.4" wide (60 cm)
16.5" high (40 cm)
L-shaped detector for 100% package screening.

Material Penetration: 28-29 mm steel

Contrast Sensitivity: Over 2 million color tones standard.

Resolution: 40 AWG wire.

Processing: 32-bit adaptive image processing with minimum 128 Mbytes memory; 2.4+ GHz processor.

Conveyor Speed: 48 feet per minute; 24 cm per second.

Pulling Weight: 150 kg (331 lbs) (Higher pulling weights available).

autoTracking®: Belt guaranteed to autoTrack for life.

Film Safety: Guaranteed for high-speed films up to ISO 1600 (33 DIN).

Physical Details

Weight: 775 lbs (352 kg)
975 lbs (442 kg) crated

Construction: Unibody heavy gauge, epoxy painted steel construction with stainless steel and aluminum trim and accessories.
Non-marring casters and leveling jackscrews.
Corrosion-resistant command center keypad mounted on side or available table.

Environmental Conditions: Temperature range: 32°- 104 °F, (0°- 40 °C)
Humidity 20% - 95%, non-condensing.
Storage to 65 °C (149 °F)

Electrical Power Consumption: < .8 kVA, 100, 120 volts AC ± 10% (<8 amps)

Requirements: 200, 220, 230, 240, 250 volts AC ± 10% (<4 amps).
All at 50 or 60 Hz.



RealClear® reveals components of a gun, knife, narcotics in bottle, and bomb in real time, without lags and delays. autoScale® displays contents at Pentium 4 resolution automatically and without distortion.