

PREMNET 6040

Rapid Parcel X-ray for Explosives, Weapons & Narcotics



RealClear® reveals components of a gun, knife, narcotics in bottle, and a bomb in real time, without lags or rescans. AutoScale® also uniquely displays contents at very fine resolution automatically and without distortion.

AUTOCLEAR is the world's leading producer of advanced, fast, reliable, X-ray Weapons and Trace Detection systems. Visit us at www.autoclearus.com. Ask about our mobile, cargo, dual-view, backscatter contraband, and trace detection systems.

The AUTOCLEAR 6040 (62 cm wide x 42 cm high, 24.4" x 16.5" opening) is rapid, high penetration and ergonomic. Clearly images for:

**Airports • Ports • Courts
Customs • Military • Corporate
Government Buildings • Postal
Prisons • Nuclear
Access Control • Special Events
Police • Rail or Bus Stations**

Features & Benefits

- autoTracking® unique, guided conveyor belt system never needs adjustment, lowering operating costs.
- autoSensing® assures safety while eliminating costly, troublesome photoeye beams and footpads. Assures 100% screening of thin blades or plastique in courier envelopes or magazines, or of parcel already in tunnel during start-up.
- Narrower footprint enhances security and conveniently fits in elevators, 32" doorways, narrow halls and tight spaces; conveyor end folds up for transport.
- Ideal size, penetration and throughput for parcels, laptops, shoes, coats, electronics, food, large brief cases, handbags, backpacks, strollers and bins.
- Advanced, bright digital image. Folded array rapidly images full mailbags, long or tall parcels.
- Features fast CPU, 19" LCD monitor, RealClear®, autoScale®, autoDensaler®, autoOutline®, autoSensing®, autoCal®, up to 64X Rapid Smart

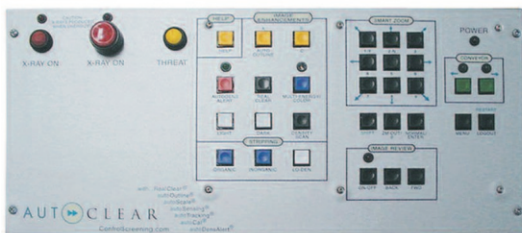
Zoom, Lighten, Help, DensityScan, and Low Density Stripping, among other features.

TIP, Training and autoArchive also available. AutoMaterf® option highlights bomb and threat items using atomic number and density. Multi-Energy Color with Organic/Inorganic Stripping is popular. AutoArchive option saves improved images to DVD, CD or USB flash drive.

160/140kV, 28-29mm penetration obviates hand searches. A base Model 400+ available with 100/90 kV. Ask about special airport conveyors, ergonomics and trim packages.

Nearly half the radiation dose to parcels and at the tunnel curtains, with reduced energy consumption. Twice as filmsafe.

Interactive training and highly responsive local service. All critical subassemblies designed, engineered, and rigorously tested in North America to ISO 9000-2001 and world-class standards.



User-friendly ergonomic, fully-featured operator control panel.



General Trading Limited Liability Company

Sharja Airport Free Zone, P.O. Box 120679, Sharja
Tel: + 971 50 694 6139 Tele/Fax: + 971 4 355 2833
www.premnet-fzc.com info@premnet-fzc.com

Model 6040 X-ray Specifications

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 (62 cm) 16.5" high (42 cm) L-shaped detector for 100% package screening. 28-29 mm (1.10 - 1.14") steel
Material Penetration:	Over 2 million color tones standard.
Contrast Sensitivity:	38-40 AWG wire.
Resolution:	32-bit adaptive image processing with minimum 128 Mbytes or higher memory; 2.4+ GHz processor.
Processing:	48 feet per minute; 24 cm per second. Standard conveyor pictured on reverse. Extended conveyor length, Model 6040E (variable length entrance and exit bed). Fully reversible.
Conveyor Speed:	150 kg (331 lbs) (Higher pulling weights available). Belt guaranteed to autoTrack for life.
Pulling Weight:	Guaranteed for high-speed films up to ISO 1600 (33 DIN).
autoTracking®:	Reduces downtime and assures all magazines, envelopes or items are scanned, no matter how thin, or of bag already in tunnel at start-up. Enhances radiation safety.
Film Safety:	
*Full autoSensing® without multiple troublesome photobeams, or footpad.	

X-ray Generator

X-ray tube head:	Self-contained, shielded tank
High voltage rating:	160 kV, 140 kV Operating Voltage
Duty cycle:	100% with sealed oil bath cooling
Beam orientation:	Diagonal (80° beam divergence)
Dose rate per exam:	0.1 mR. Lower doses available.

X-ray Detectors

Surface-mounted, multilayer, fully integrated, high frequency, solid state scintillator detectors, using state of the art high-speed processors and CPU's and advanced signal processing.

Video

Standard with color 19" LCD flat screen monitor. High resolution, flicker-free, low rad., low energy monitor, 1280 x 1024 or higher resolution. Single energy color is based on object density. Multi-Energy option available with CRT(s) or larger monitor(s), displays organics in orange and inorganics in blue, both overlapping in green and very dense objects in black, and includes Organic and Inorganic Stripping.

Standard Features

- realClear®
- autoDensalerf
- autoTracking®
- autoSensing®
- autoOutline®
- autoScale®
- autoCal®
- 1.5, 2, 2.5, 3, 3.5 4.6, 8, 16, 32 and 64X Smart Zoom
- Dark & Light enhance
- DensityScan
- Color; Reverse B/W
- High/Low Density & Stripping
- High density
- Integrated undercarriage
- Brushed alum. tunnel extensions
- Helpscreens
- Fast (25 second) initial warm-up
- Full-sized, friendly robust keyboard
- Reversible direction & image
- Non-marring castors

Options

- Multi-Energy (M) color material identification with organic and inorganic stripping (popular)
- autoArchive with autoSave® to DVD, CD, or USB Flash
- Threat Image Projection (TIP)
- autoMatalerf
- Tropical Humidity Kit
- Loading or exit slides, or rollerbeds
- CRT, dual LCD or larger monitor(s)
- Locking metal keypad cover
- Extended or motorized conveyors; added pulling power
- CE marking. UL or CSA. UK, Fr. or Can. approved
- kV, mA meter or item counter
- Power conditioner, or UPS
- Variable height brushed keypad mount
- Locking monitor(s) hood
- Remote operation; printer or archiving cables
- Built-in Training
- autoNet or TIPNet
- Stepwedge or radiation meter

Physical Details

Dimensions:	See drawing
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. Corrosion-resistant command center keypad. Available mounted on side or on table.
Environmental Conditions:	Temperature range: 5°- 131°F, (-15°- 55°C) Humidity 20% - 95%, non-condensing. Storage to 65°C (149°F)
Electrical Power Requirements:	Consumption: < .8 kVA, 100, 120 volts AC ± 10% (<8 amps) 200, 220, 230, 240, 250 volts AC± 10% (<4 amps). All at 50 or 60 Hz.



Dimensions are in centimeters
Note: Non-marring casters

Distributor:

ISO 9001-2000 Registered



General Trading Limited Liability Company

Sharja Airport Free Zone, P.O. Box 1 20679, Sharja
Tel: + 971 50 694 6139 Tele/Fax: + 971 4 355 2833
www.premnet-fzc.com info@premnet-fzc.com