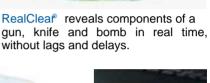


General Trading Limited Liability Company

High Capacity Mobile X-ray to Reveal Explosives, Weapons, Narcotics and other Contraband





Control Screening is the leading worldwide producer of fast, reliable and sophisticated X-ray, Metal and Trace Detection screening systems. Visit us at www.premnet-fzc.com . Ask about our mobile and cargo systems. Our advanced systems and options are often integrated, leased or rented.

The self-contained PREMNET® X-ray Inspection Trailer by Control Screening provides a mobile security system used by airports, seaports and border crossings to meet flexible requirements to screen cargo, packages and checked luggage.

A highway specification US Department of Transportation approved tandem axle trailer is the foundation of our robust and well-equipped mobile system. Double wall construction with 50mm of insulation throughout is used to provide the spacious inspection office with a quiet, temperature regulated environment. A silent superduty air conditioning unit is mounted on the single piece aluminum roof. The motor generator is isolated and sound proofed. Equipment quality and placement are determined for longevity & reliability. Free from noise and distraction, security operators can concentrate on their inspections. Precision X-ray images of renowned clarity are generated by the system and superbly displayed on flat screen monitors. The well appointed station console is ergonomically adjustable and provides a complete array of image identification and processing features.

Features

- 7 KW motor generator set by Onan is ? provided, with 50 amp service panel, in an isolated housing. 13.5 K BTU roof mountedair conditioning unit by Coleman. Others available upon request.
- ? RealClear® function reveals components of dense items in realtime without lags or delays.
- Features Pentium 4, 17" monitor, Multi-Energy Color with Organic/ Inorganic Stripping, RealClear, auto-Densalert® autoOutline® Sensing®, auto Cal®, Lighten, Help, DensityScan, and Low Density Stripping, among other features.
- TIP, Training and Image Archiving also available. auto Matalert, option highlights suspect materials using atomic number and density.

- autoTracking guided conveyor belt system never needs adjustment, lowering operating costs.
- Ask about our mobile van units or our new backscatter plus transmission x-ray option for lower density, more organic threats.
- autoSensing® eliminates the need for photosensors troublesome footpad switch. Assures 100% screening of thin blades or plastique in courier envelopes or magazines, or of bag already in tunnel at start-up.
- Interactive training and highly responsive local service. Engineered, made and rigorously tested in the USA to ISO 9001 and regulatory standards.

Premnet Free Zone Company (UAE) Sharjah International Airport Free Zone Office Q3-119 Sharjah, UEA +971 (50) 694 6139

info@premnet-fzc.com

For further information please visit www.premnet-fzc.com

X-ray Inspection

Overall Dimensions: Inspection Capabilities

4.24 M (14') x 2.58 M (8.5') trailer

Tunnel Size: 39.4" wide (100 cm)

31.4" high (80 cm) [many other tunnel throughputs available]

Material Penetration: 28-29 mm steel

Contrast Sensitivity: Over 2 million color tones.

Resolution: 40 AWG wire

Conveyor: Speed: 48.0 feet per minute; 24 cm per second.

Reversible. Toggles for easy belt changeover. Load conveyor extension end folds up for elevator.

and ease of transport.

Pulling Weight: 150 kg (331 lbs) standard; 403.2 kg (887 lbs) option

autoTracking®: Belt guaranteed to autoTrackfor life.

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

*Full auto Sensing $^{\circ}$ without photosensors,

moving parts, or footpad.

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.

at start-up. Ennances radiation safet

X-ray Generator

X-ray tube head:

High voltage rating:

Duty cycle:

Diagonal (80° beam divergence)

Dose rate per exam:

Self-contained, shielded tank

160 kV, 140 kV Operating Voltage

100% with sealed oil bath cooling

Diagonal (80° beam divergence)

0.1 mR typical. Lower doses available.

X-ray Detectors

Surface-mounted, multilayer, fully integrated, high frequency, solid state detectors using high-speed processors and advanced Pentium 4 signal processing with Multi-Energy.

Video

Standard with color 17" SVGA monitor. High resolution, flicker-free, .21 dot pitch, low rad. monitor, 1280 x 1024 video card. Multi-Energy color included with available second monitor or flat screen or larger monitor(s). Displays organics in orange and inorganics in blue, both overlapping in green and very dense objects in black.

Standard Features

 Multi-Energy organic and inorganic color & stripping

• Real Clear®

• auto Densalert®

• auto Tracking®

• auto Sensing®

• auto Outline®

• autoCal®

· Dark & Light enhance

DensityScan

• Color; Reverse B/W

High/Low Density & Stripping

· High density

Help

• Fast (25 second) initial warm-up

· Fully functional, robust, lowprofile

· Reversible conveyor direction

Options

auto Matalert®

• Threat Image Projection (TIP)

 Roller bed or conveyor extensions

• Tropical Humidity Kit

Image Archiving

• Power conditioner, or UPS

CE mark

Locking metal keypad cover

kV, mA meter or item counterLCD, dual or larger monitor(s)

Footpad or optical on/off

· Variable height keypad mount

· Table or locking monitor hood

Built-in training

Extra pulling power

 Dual motors for enhanced conveyor

 Remote operation; printer or VCR cable

Rentals or leases

autoNet

TipNet

Physical Details

X-ray Construction: Unibody heavy gauge epoxy-painted steel construction

with stainless steel and aluminum trim and accessories. Corrosion resistant command center keypad mounted

on side or available on table.

Environmental Conditions: Temperature range: 32°to 104°F, (0° - 40°C)

95% non-condensing.

Electrical Power Requirements: Power provided by on-board motor generator set,

7 KW continuous duty with 50 amp service panel.

Premnet Free Zone Company (UAE) Sharjah International Airport Free Zone Office Q3-119 Sharjah, UEA +971 (50) 694 6139 info@premnet-fzc.com

