

AUTOCLEAR 4025

Portable, Very Compact, Parcel X-ray for Explosives, Weapons & Narcotics



***Lower profile, bottom-up design makes items and fine lines much sharper and larger on-screen.**

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

The AUTOCLEAR® 4025 (featuring a 40.0 cm wide x 25.5 cm high or 15.8" wide x 10.0" high tunnel opening) is a compact, lightweight and ergonomic conveyerized X-ray system designed to inspect briefcases, purses, cameras, laptops, backpacks, shoes, mailbags, bins and parcels. Ideal for use at:

Schools • Courthouses
Correctional Facilities
Corporate Facilities • Mailrooms
Embassies
Government Buildings
Special Events • Airports
Military Bases • Banks
Police Stations
Nightclubs • Law Firms
Executive Mail



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.



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

Features

- Very portable, compact and affordable. Designed for narrow halls and spaces, and fits through any doorway. Ergonomic height and small footprint enhance security.
- Ideal size, penetration and throughput for screening mail, laptops, shoes, coats, binned items, electronic devices, food, handbags, and cameras.
- Advanced, bright, digital color image. High throughput folded array images full mailbags, long packages (posters, drawings) and taller items. Unlike high-dose analog, door-based fluoroscopes with dull, monochrome, indirect views, the 4025 is film-safe and will not cut off corners.
- Features Pentium 4, 17" monitor, RealClear®, autoScale®, autoDensAlert®, autoOutline®, autoSensing®, autoCal®, 64X Smart Zoom, Lighten, Help, DensityScan, and Low Density Stripping, among other features.
- 90kV, 10mm penetration eliminates hand searches. Twice the penetration available in less portable systems costing more.
- Multi-Energy Color option with Organic/Inorganic Stripping is popular. TIP, Training and Image Archiving also available. Material Marking® option highlights suspected items by combining atomic number range and density, for higher discrimination.
- autoTracking® guided conveyor belt system never needs adjustment, lowering operating costs.
- Full autoSensing® eliminates the need for troublesome photosensors or footpad switch. Assures 100% screening of thin blades or plastic in magazines or courier envelopes, or of bag already in tunnel at start-up.
- Interactive training and highly responsive service at all times. Engineered, made and rigorously tested in the USA to ISO 9001 and regulatory standards.

Celebrating 70 years of excellence in design & support

AUTOCLEAR
autoclearus.com

Scintrex® • Federal Labs® • CheckGate® • CPAD • Control Screening
U.S. Canada France Spain Dubai Latin America Singapore

Model 4025 Very Compact X-ray Specifications

Overall Dimensions: Inspection Capabilities

Tunnel Size:

109.1 cm (43.0") L x 58.4 cm (23.0") W x 103.6 cm (40.8") H

Material Penetration:

15.8" wide (40 cm)

Contrast Sensitivity:

10.0" high (25.5 cm)

Resolution:

L-shaped detector for 100% package screening.

Processing:

10 mm (0.39") steel, **twice the penetration in its class.**

Over 2 million color tones standard.

40 AWG wire.

Conveyor Speed:

32-bit adaptive image processing with minimum 128 Mbytes

memory; 800 MHz or 2.4 GHz processor.

Pulling Weight:

48 feet per minute; 24 cm per second. Fully reversible.

autoTracking*:

100 kg (220 lbs) standard; 200 kg (440 lbs) option

Film Safety:

Belt guaranteed to autoTrack for life.

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

***Full autoSensing* 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.

X-ray Generator

X-ray tube head:

Self-contained

High voltage rating:

90 kV standard

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 detectors using high speed processors, and Pentium 4 image processing with Single Energy or optional Multi-Energy (M) Color.

Video

Standard with color 17" SVGA monitor. High resolution, flicker-free, .21 dot pitch, low rad. monitor, 1280 x 1024 video card. Single energy color is based on object density. Multi-Energy color option available 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, and includes Organic and Inorganic Stripping.

Standard Features

- RealClear®
- autoDensAlert®
- autoTracking®
- autoSensing®
- autoOutline®
- autoScale®
- autoCal®
- 64X smart zoom
- Dark & Light enhance
- DensityScan
- Color; Reverse B/W
- High/Low Density & Stripping
- High density
- Undercarriage
- Brushed aluminum tunnel extensions
- Help
- Fast (25 second) initial warm-up
- Fully functional, robust, low profile
- Reversible conveyor direction

Options

- Multi-Energy (M) color material identification with organic and inorganic stripping
- Threat Image Projection (TIP)
- autoMatalert®
- Tropical Humidity Kit
- Loading or exit trays or rollerbeds
- Image Archiving
- LCD, dual or larger monitors
- Locking metal keypad cover
- Clear Lexan conveyor cover
- CE marking or UK ready
- kV, mA meter or item counter
- Power conditioner, or UPS
- Shorter 84 cm (33") 4025R version
- Variable height keypad mount
- Locking monitor hood
- Remote operation; printer or VCR cable
- Built-in Training
- Rental or leases
- Rollerbeds
- autoNet
- TipNet

Physical Details

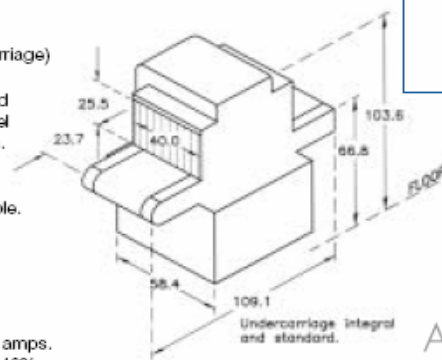
Dimensions: See drawing

Weight: 410 lbs (186 kg) (including undercarriage)
560 lbs (254 kg) crated

Construction: Unibody heavy gauge epoxy painted steel construction with stainless steel and aluminum trim and accessories. Non-marring casters. Corrosion-resistant command center keypad mounted on side or on 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 Requirements: Consumption: < 0.7 kVA
100, 120, 230 volts AC + 10%, < 7 amps.
200, 220, 230, 240, 250 volts AC ± 10%, < 3.5 amps. All at 50 or 60 Hz.



Dimensions are in centimeters
Note: Non-marring casters

www.autoclearus.com

World Headquarters Plant

2 Gardner Road
Fairfield, NJ 07004-2206 USA
Tel: + 1 (973) 276-6161
Fax: + 1 (973) 276-6162
leads@autoclearus.com

Western U.S.

rww@autoclearus.com
sw@autoclearus.com

Continental Europe

France

Tel: + 33 2 38 61 97 00
Fax: + 33 2 38 61 97 01
eu@autoclearus.com

Spain, Italy, Mediterranean

Tel/Fax: +34 91 650 89 86
lghedina@autoclearus.com

Canada

Scintrex Trace Plant

300 Parkdale Ave., Ottawa
Ontario, Canada K1Y 1G2
Tel: + 1 (613) 224-1061
Fax: + 1 (613) 224-2603
info@autoclearus.com

Asia

Singapore
asia@autoclearus.com

Latina/América Central

Dominican Republic
latina@autoclearus.com

Middle East

Dubai, UAE
Tel: + 971 6 557 4505
Fax: + 971 6 557 4507
me@autoclearus.com

Distributor:

ISO 9001-2000 registered

www.autoclearus.com
www.tracedetection.com www.fed-labs.com

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U.S. Canada France Spain Dubai Latin America Singapore

For further info and price quote, please contact:

MDI Canada

21 Deepglade Cr. Toronto, Ontario, M2J 1B3, Canada

Tel: 1-416-916-1558, Fax: 1-416-916-1666

E-mail: info@mdicanada.ca mdicanada@rogers.com

Website: www.mdicanada.ca

