

AUTOCLEAR 4025

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



***Integral bottom-up design means objects appear larger and clearer on-screen than other less portable designs.**

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 larger tunnel systems. Our advanced systems can be readily integrated into existing security arrangements and available for purchase, lease or rental.

The autoClear® 4025 (featuring a 40 cm W x 25 cm H or 15.8" wide x 9.8" tunnel opening) is a compact, light-weight and ergonomic conveyerized X-ray scanner designed to inspect briefcases, purses, cameras, laptops, backpacks, mailbags, bins and parcels. Ideal for use at:

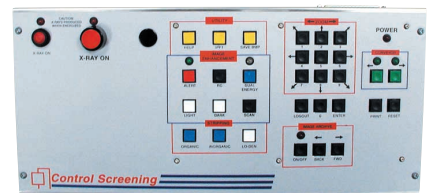
- Schools • Courthouses
- Correctional Facilities
- Corporate Facilities • Mailrooms
- Embassies
- Government Buildings
- Special Events • Airports
- Military Bases • Banks
- Police Stations
- Nightclubs • Law Firms
- Executive Mail

Features

- ➔ autoTracking® guided conveyor belt system never needs adjustment, lowering operating costs.
- ➔ Narrow footprint enhances security and conveniently fits through even 24" (60 cm) wide doorways, in elevators and tight spaces; conveyor end folds up for transport.
- ➔ Features RealClear®, 32-bit Color Imaging, autoDensity Alert, 64X Smart Zoom, Lighten, Help, Scan Enhancement, and Low Density Stripping, among other features.
- ➔ 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.
- ➔ Full autoSensing® eliminates the need for troublesome photosensors or footpad switch. Assures 100% screening of thin blades or plastique in magazines or courier envelopes.
- ➔ 90 kV operating is standard, double the penetration available elsewhere.
- ➔ Interactive training and highly responsive service at all times. Engineered, made and rigorously tested in the USA to ISO 9001 and regulatory standards.



RealClear® reveals inner materials of a composite gun, knife and bomb, making threats stand out in real time, without re-scanning.



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

Celebrating 65 years of excellence in design & support

AUTOCLEAR

ControlScreening.com

Scintrex® • Federal Labs® • CheckGate® • HandWand® • Dynavision® • RealClear®
U.S. Canada Europe Middle East Latin America Hong Kong 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) 9.8" high (25 cm) L-shaped detector for 100% package screening. 0.38" (min. 9 mm, 10 mm typical), over twice the industry standard in its class.
Contrast Sensitivity:	Over 2 million color tones standard.
Resolution:	#38 AWG wire minimum, #40 AWG typical (30 AWG minimum through 7th step of ASTM stepwedge)
Processing:	24-bit color processing with minimum 128 Mbytes memory; 800 MHz or 2.4 GHz processor.
Conveyor Speed:	48 feet per minute at 60 Hz. 24 cm per second. Fully reversible. Belt guaranteed to autoTrack for life. Guaranteed for high-speed films up to ISO 1600 (33 DIN). Reduces downtime and assures all magazines, envelopes or items are scanned, no matter how thin. Enhances radiation safety.
autoTracking®	
Film Safety	
*Full autoSensing® without photosensors, moving parts, or footpad.	

X-ray Generator

X-ray tube head:	Self-contained
Operating voltage:	90 kV standard
Duty cycle:	100% with sealed oil bath cooling
Beam orientation:	diagonal 80°
Dose rate per exam:	0.1 mR typical

X-ray Detectors

Surface mounted, multilayer, fully integrated, high frequency, solid state detectors using high speed processors, and Pentium/AMD image processing with 24-bit Color with Single Energy or optional Multi-Energy (M).

Video

Standard with color 17" SVGA high resolution, noninterlaced, flicker free, .28 dot pitch, low rad. monitor, 1280 x 1024 pixels. Standard Single Energy *Dynagraphy*® color is based on object density. Multi-Energy (M) color option, with single or dual monitors, displays organic items in orange, inorganic items in blue, both overlapping in green and very dense items in black, and includes Organic and Inorganic Stripping.

Standard Features

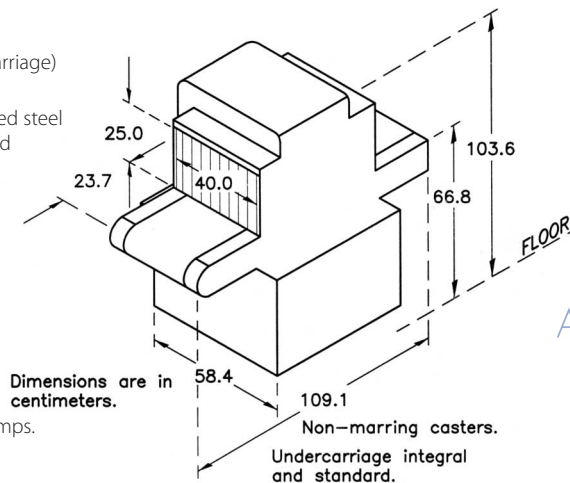
- RealClear® Search
- autoDensity Alert
- autoTracking® of belt
- autoSensing®
- Reversible conveyor direction
- Dark & Light enhancements
- Scan enhancement
- *Dynagraphy*® Color; Reverse B/W
- B/W Edge enhancement
- High/Low Density & Stripping
- Brushed aluminum conveyor covers
- 64X Zoom
- High density
- Help
- Fast (25 seconds) warm-up
- Fully functional, robust, low profile

Options

- Multi-Energy (M) color material identification with organic and inorganic stripping
- Threat Image Projection (TIP)
- Remote operation and diagnostics
- *Material Marking*®
- 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
- kV, mA meter or item counter
- Power conditioner, or UPS
- Footpad or optical On/Off
- Locking monitor hood
- Rental or leases
- Rollerbeds
- Built-in Training

Physical Details

Dimensions:	See drawing
Weight:	411 lbs (186 kg) (including undercarriage) 561 lbs (254 kg) crated
Construction:	Unibody heavy gauge epoxy painted steel construction with stainless steel and aluminum trim and accessories. Non-marring casters. Stainless steel command center keypad mountable on top, or optional on side or table.
Environmental Conditions:	Temperature range: 23° to 131°F, -5° to 55°C • Humidity 20% - 95%, non-condensing. Storage to 65°C (149°F)
Electrical Power Requirements:	Consumption: < 0.6 kVA 100, 120, 230 volts AC + 10%, < 6 amps. 200, 220, 240, 250 volts AC ± 10%, < 3 amps. All at 50 or 60 Hz.



www.controlscreening.com

World Headquarters Domestic, Federal & Corporate Sales

Two Gardner Road
Fairfield, NJ 07004-2206 USA
Tel: + (973) 276-6161
Fax: + (973) 276-6162
sales@controlscreening.com
leads@controlscreening.com

Western U.S.

Tel: + (760) 326-9114
Fax: + (760) 326-4734
sw@controlscreening.com

Continental Europe

Saint Jean de Braye, France
Tel: + 33 2 38 61 97 00
Fax: + 33 2 38 61 97 01
eu@controlscreening.com

Canada or Middle East

Scintrex Trace Corp.

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

Asia

Singapore
Tel: + 65 9819-2473
Fax: + 65 6234-0813
asia@controlscreening.com

Latina/América Central

Santo Domingo, Dominican Republic
Tel: + (809) 541-1844
Fax: + (809) 563-6672
latina@controlscreening.com



www.controlscreening.com
www.tracedetection.com www.fed-labs.com

AUTOCLEAR
ControlScreening.com

Celebrating 65 years of excellence in design & support
Scintrex® • Federal Labs® • CheckGate®
HandWand® • Dynavision® • RealClear®

Compliance Complies with the U.S. Federal Aviation Administration Standards "Use of X-Ray Systems" (Federal Standards 14 CFR 108.17 and 14 CFR 129.26; the system conforms to the USBRH Performance Standards for Cabinet X-Ray Systems (21 CFR 1020.40). ISO 9001 compliant. Emergency Stop buttons. Cluster LED X-Ray "ON" indicators for lower maintenance. The electrical system conforms to applicable sections of IEC 348 for Electrical Safety and FCC Docket 20780 for Electromagnetic capability.