

AUTOCLEAR 3920 Digital Mail/Parcel X-ray

Compact, Low-dose Color Scanner Rejects Bombs, Weapons and Threats



The 3920 is a film-safe, really compact fully featured digital scanner, with no corner cut-off.



RealClear® and AUTOCLEAR Densalert reveals components of a gun, knife and bomb in real time, without lags and delays. Handy cart available for easy portability.



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

Personal attacks by parcel and letter-bombers, anthrax and other aggressors promote uneasiness and vulnerability. Proven against bombs, weapons, narcotics, persons and other threats. For higher scanning throughput, larger items, with airport security features, consider our compact 4626 or 5333 through-conveyor systems at www.autoclearus.com.

The AUTOCLEAR Desktop 3920, featuring a 39 cm (15.4") wide x 20.3 cm (8.0") high tunnel opening is an ultra compact, portable, all digital, color, folded-array, cabinet-conveyor X-ray system for inspecting briefcases, food, purses, clothing, electronics, cameras, shoes, mailbags, bins and parcels. Ideal for:

**Mailrooms • Government Buildings
Police Stations • Embassies
Professional Offices • Courts
Media Houses • Banks • Hotels
Checkpoints • Accounting & Law Firms
Workplaces • Sensitive Areas
Executive Mail • Special Deliveries**

Features and Benefits

- ➔ Very portable, compact and affordable. Operates in tight spaces, corners, against a wall, on any desk, cart or tabletop. Available matching cart.
- ➔ Advanced, bright, digital color image. Unlike higher exposure, radiation analog fluoroscopes, the 3920 is film-safe and its folded array automatically images **all** contents directly and without corner "cut-off".
- ➔ Over twice the effective digital screening capacity, with superior resolution, penetration and features.
- ➔ Includes full Pentium imaging, 17" LCD monitor, Dynagraphy RealClear® and

color, AUTOCLEAR Densalert®, AUTOCLEAR Sensing®, Zoom, Lighten, Density-Scan, and Low Density Stripping.

- ➔ AUTOCLEAR Tracking® patented conveyor system never needs belt or roller adjustment, saving operating costs.
- ➔ Unique AUTOCLEAR Sensing® eliminates troublesome photosensors, assuring 100% screening of parcels already in tunnel upon start-up.
- ➔ Interactive training and highly responsive worldwide service. Engineered, critically built and tested in America to the highest ISO 9001 and regulatory standards.

70 years of leadership in checkpoint detection & training

AUTOCLEAR

autoclearus.com

Scintrex® • CheckGate® • Dynavision® • Control Screening® • Federal Labs®
U.S. Canada France UK UAE Japan Latin America Singapore Spain

Desktop 3920 Compact, Color, Film-safe X-ray Scanner: Specifications

Inspection Capabilities

Tunnel Size:	15.4" wide (39 cm) 8.0" high (20.3 cm) 15.5" long (40 cm) L-shaped detector for 100% package screening. 4 mm (0.16") steel.
Material Penetration:	Over 2 million color tones standard.
Contrast Sensitivity:	38-40 AWG wire.
Resolution:	Automatic pushbutton photodiode scan.
Processing:	Belt guaranteed to autoTrack for life.
autoTracking®:	Guaranteed for high-speed films up to ISO 1600 (33 DIN).
Film Safety:	

***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 and operator safety.

X-ray Generator

X-ray tube head:	Self-contained
High voltage rating:	90 kV standard. 60 kV operating.
Duty cycle:	100% with sealed oil bath cooling
Beam orientation:	Diagonal 80°
Dose rate per exam:	0.1 mR. Lower doses available.

X-ray Detectors

Surface mounted, multilayer, fully integrated, high frequency, solid state photodiodes using high speed processors, and enhanced Pentium image processing as in airports, with Single Energy color by density.

Video

Standard with color 19" SVGA monitor. High resolution, flicker-free, .28 dot pitch, low rad. monitor, 1280 x 1024. Single energy color is based on object density. Larger monitors or 15" flat screen monitor available.

Standard Features

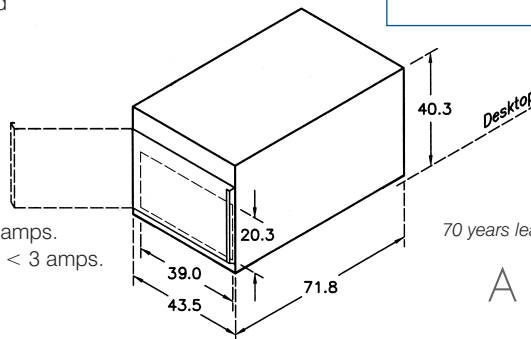
- RealClear®
- autoDensAlert®
- autoTracking®
- autoSensing®
- Color; Reverse B/W
- 4X zoom
- Dark & Light enhance
- DensityScan
- High/Low Density & Stripping
- High density
- Automatic pushbutton conveyor
- 17" High resolution LCD
- Fully functional, robust, low profile keyboard
- Fully digital

Options

- Non-marking matching cart
- Larger LCD or CRT monitors
- Locking metal keyboard cover
- CE marking
- kV, mA meter or item counter
- Power conditioner, or UPS
- Locking monitor hood
- Foreign language menus
- Remote; printer or VCR cable
- Built-in Training
- Rental or leases

Physical Details

Dimensions:	See drawing Optional undercarriage is 74.4 cm (29.2") Long x 51.5 cm (20.3") wide x 61.9 cm (24.4") high
Weight:	185 lbs (83 kg)
Construction:	Unibody heavy gauge epoxy painted steel construction. Stainless steel command center keypad.
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.



Dimensions are in centimeters
See above for inches

Distributor:



ISO 9001-2000 Certified

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

70 years leading innovation in checkpoint detection & training

AUTOCLEAR
autoclearus.com

Scintrex® • CheckGate® • Dynavision® • Control Screening® • Federal Labs®
U.S. Canada France UK UAE Japan Latin America Singapore Spain

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. 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.

World Headquarters Plant

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

Central EU

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

Southern EU

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

Northern EU

neu@autoclearus.com

Canada & Scintrex

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

Asia Southeast & North

sasia@autoclearus.com
nasia@autoclearus.com

Latin America

latina@autoclearus.com
Dom. Republic

Middle East

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

Western U.S.

nw@autoclearus.com
sw@autoclearus.com