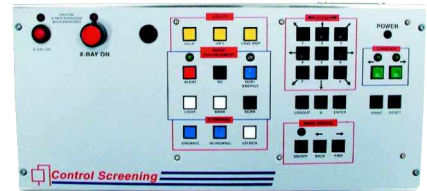


AUTOCLEAR Desktop 3920

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



RealClear® 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.

Criminal, ex-employee vengeance and terrorist attacks by parcel and letter-bombers, and other perpetrators have risen alarmingly causing a growing uneasiness and vulnerability in the professional workplace today. Filmsafe, non-invasive inspection of incoming mail and parcels provides proven professional and executive protection against parcel bombs, mailbombs, weapons, narcotics or other contraband. [For higher throughput, larger items, or automatic differentiation of organic vs. inorganic devices, consider our 4025 or 5333 portable through-conveyor systems

The AUTOCLEAR® 3920 [a.k.a. Desktop 300] (featuring a 39.0 cm (15.4") wide x 20.3 (8.0") cm high tunnel opening) is an ultra compact, lightweight and digital, folded-array, cabinet-conveyor X-ray system designed to inspect briefcases, food, purses, coats, cameras, shoes, laptops, small backpacks, mailbags, bins and parcels. Ideal for use at:

**Mailrooms • Government Buildings
Workplaces • Banks • Embassies
Professional Offices • Courtrooms
Broadcast or Publishing Houses
Discrete Checkpoints
Accounting & Law Firms
Security Sensitive Areas**

Features

Very portable, compact and affordable. Fits in a tight space or on any desktop.

Advanced, bright, digital color image. Higher cubic, folded array fully images mailbags and packages. Unlike high exposure, analog fluoroscopes with dull, monochrome, indirect views, the 3920 is completely film-safe and will not miss items or cut off corners.

Over twice the effective digital screening capacity, with superior resolution, penetration and features.

Features full Pentium imaging, 17" to 19" monitors, RealClear®, color, autoDensityAlert®, autoSensing®, Zoom, Lighten,

DensityScan, and Low Density Stripping, among other features.

autoTracking® guided conveyor belt system never needs adjustment, minimizing operating costs.

Full autoSensing® eliminates the need for troublesome photosensors or footpad switch. Assures 100% screening of thin blades or plastique in magazines or courier envelopes, and of parcels already in tunnel upon start-up.

Interactive training and highly responsive service at all times. Engineered, made and rigorously tested in the USA to the highest ISO 9001 and regulatory standards.

Celebrating 65 years of excellence in design & support

AUTOCLEAR

Scintrex® • Federal Labs® • CheckGate® • HandWand® • Dynavision® • RealClear®
U.S. Canada Europe Middle East Latin America Hong Kong Singapore

Desktop 3920 [a.k.a. Model 300]

Very Compact X-ray: 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 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 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 detectors using high speed processors, and enhanced Pentium image processing with Single Energy color by density.

Video

Standard with color 17" 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

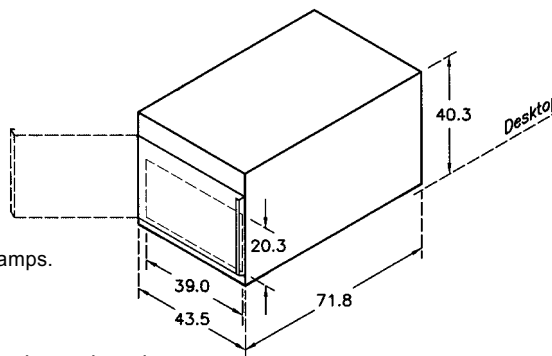
- RealClear®
- autoDensalert®
- autoTracking®
- autoSensing®
- Color; Reverse B/W
- 4X zoom
- Dark & Light enhance
- DensityScan
- High/Low Density & Stripping
- High density
- Automatic pushbutton conveyor
- Fast (25 second) initial warm-up
- Fully functional, robust, low profile keyboard

Options

- Wheeled undercarriage
- Flat or other size CRT monitor
- Locking metal keyboard cover
- CE marking or UK ready
- kV, mA meter or item counter
- Power conditioner, or UPS
- Locking monitor hood
- 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.
Electrical Power Requirements:	Storage to 65°C (149°F) 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

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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.