

AUTOCLEAR Mailguard®-90, Mailguard®-70

Simple, Compact X-rays



Our improved **Mailguard®** letter and parcel X-ray security screening system is designed for confined spaces, tight corners, placement against walls, for desktop operation, on or off its available cart. The **Mailguard®** measures 22.5" wide x 23.5" deep x 30.5" high (57.2 cm x 59.7 cm x 77.5 cm), with a 21"D x 18"W x 14"H (53.3 x 45.7 x 35.6 cm).

The **Mailguard®** is ideally suited for the complete detection of contraband materials in mail, briefcases, backpacks, electronic devices, purses, cameras, laptops, shoes, cellphones, mailbags, bins, coats, bedding, or parcels, in:

Mailrooms • Small Offices
Embassies • Consulates • Prisons
Training • Executive Mail (Home)
Banks • Hotels • Libraries
Quality Control • Nightclub
Government • Military • Forensics
Police • Parcel Access

or anywhere that suspect material must be screened and detected.

Features & Benefits

- ✓ Higher penetrating and more efficient, proven 90kV X-ray source, now optional, designed and made in America, which doubles the penetration of standard, cabinet systems, at less cost overall, a great value. Standard 70kV generator is even greater bargain.
- ✓ Extra fine grain resolution, with greater brightness, for a very sharp image.
- ✓ Larger parcels, higher throughput: compartment size - 21" x 18" x 14" (53.3cm x 45.7cm x 35.6cm) - than other similar models, at less cost.
- ✓ The **Mailguard®** operates more simply than a small office copier. Through advanced design, the **Mailguard®** (excluding available table or cart) is only 30.5" (77.5 cm) high.
- ✓ Safer, with less energy consumption than other fluoroscopes, due to unique, proven, double interlocking door and shielding, double-thick viewing port and lower operating mA power. Passes same stringent national radiation exposure tests to operator as AUTOCLEAR airport systems. Fogs traditional film but not digital cameras or media.
- ✓ Examines over 400 batches per hour, 200-500 standard envelopes per batch. Takes parcels up to 21" x 18" x 14" (53.3cm x 45.7cm x 35.6cm).
- ✓ Very easy to install, operate and maintain.
- ✓ Often used for (highly cost effective) quality assurance, forensics, medical and non-destructive testing, as well as security.
- ✓ No moving parts. Very high MTBF. Thousands in government use worldwide, with extensive worldwide support.

Leading contraband threat detection & field support, since 1937



autoclearus.com

Scintrex® • CheckGate® • Dynavision® • Control Screening® • Federal Labs®
 U.S. Canada Europe Dubai Latin America Beijing Hong Kong Singapore

Mailguard®-90 & 70 Simple, Compact X-rays

Specifications

X-ray Generator Capability

Mailguard®-90, rated 90 kV constant potential peak, high reliability, high frequency X-ray generator. Not film-safe. (If old-fashioned film fogging is a concern, color monitor, full digital or color functionality is required, visit autoclearus.com or call for AUTOCLEAR Desktop 3920, externally conveyORIZED 3515 or 4025, or larger models.)
Current: 1 mA maximum. Mailguard®-70 with 70 kV generator available with half the penetration.
Cooling: Sealed oil bath, air cooled.

Compartment Size

18" (45.7 cm) Wide
21" (53.3 cm) Deep
14" (35.6 cm) High

Viewing Method

Direct view

Fluoroscopic Inspection Screen Size

17" (43.2 cm) x 17" (43.2 cm)
The full screen area is imaged, but high cubic parcels may need to be examined twice.

Penetration

5-6mm of steel equivalency for Mailguard®-70
10-11mm with optional 90 kV generator made in USA.

Resolution

40 AWG copper wire

Input Voltage and Power Requirements

110-130 volt or 210-250 volt,
(Specify voltage when ordering)
Single phase AC,
50/60 Hertz, under 250 watts

Overall Size and Weight

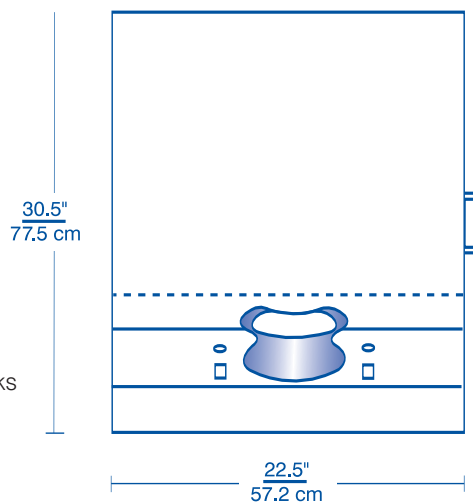
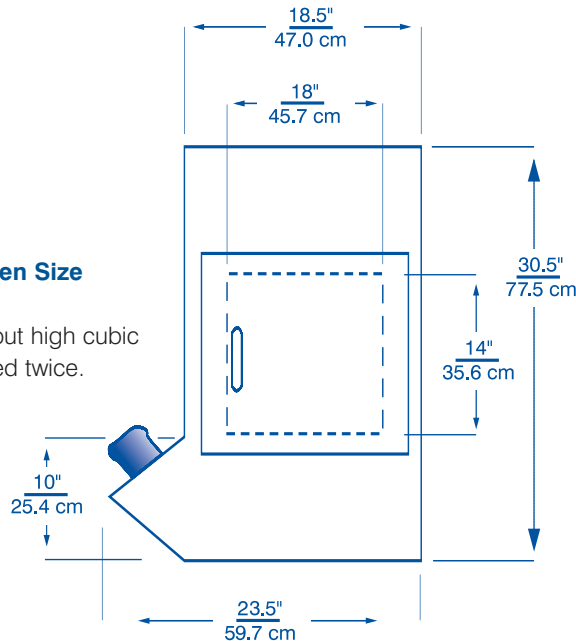
30.5" (77.5 cm) High
22.5" (57.2 cm) Wide
23.5" (59.7 cm) Deep
350 lbs (159 kg)
400 lbs (182 kg) crated

Radiation Safety

Unique, Proven Dual Safety interlocks
Panel operating switch
Double-shielded viewing glass
Lockable power switch
Meets or exceeds Federal Standard 21 CFR 1020.40 and all applicable International Radiation and CE Marking Standards (see below).

Options

- Heavy-duty cart (recommended)
- CE marking
- Rental or lease
- Custom colors
- Extended warranty
- UPS



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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). The electrical system conforms to applicable sections of IEC 348 for Electrical Safety and FCC Docket 20780 for Electromagnetic capability.