

The TR70A is the ideal X-ray scanner, when a cost effective large capacity scanning solution is required. It is the optimal solution for the quick and accurate inspection of parcels as well as a range of baggage sizes.



PRODUCT INFORMATION

The TR70A provides the effective inspection of mail, hand-held baggage, luggage and other items.

The detection system allows identification of weapons, explosives (including plastic explosives), drugs, primers and dangerous objects, which are safety hazard by identification of substances with effective atomic number recognition.

The innovative system operates advanced X-ray technology with superior image quality and network connectivity, enabling operators to easily integrate the scanner into existing security systems.

The TR70 is an x-ray scanner that's ideal for cost-effective, large capacity scanning solution for a range of baggage sizes in a range of environments.

The TR70 is compact; only 80cm across, allowing you to position it at checkpoints no matter what the space. It's smaller profile does not impact performance though, as this conveyor scanner can handle baggage up to 180kg.

We package the TR70 with a specialist software package to assist operators in the quick, correct identification of threats and substances, Todd Research's conveyor x-ray scanners come packaged with TIP, atomic number identifiers, automatic threat highlight, zoom up to 96x, automatic firearm detection and more.



Law Enforcement
Government Buildings



Embassies & Consulates
VIP Residences



Hotel Complexes
Shopping Malls



Schools & Universities
Critical Infrastructure



Public Event Venues
Banks



FEATURES/BENEFITS OF TR70A



- Proven Reliability
- Optional Automatic Detection System (ADS)
- Optional TIP
- High throughput capacity
- Outstanding image quality
- Material discrimination
- Optional Rollers
- User friendly keyboard interface
- Automatic system performance and diagnostics

SOFTWARE FEATURES AVAILABLE TO AN OPERATOR

- Automatic detection of firearms
- High density alert feature
- Image management system
- Outlining of dangerous objects (which could be identified as drugs, explosives & weapons)
- Highlighting of objects with calculated atomic numbers of 7,8 & 9 intended to assist operator with threat detection
- Threat Image Protection function (TIP)
- Pseudo-colouring of Images
- Contrast adjusting of strongly absorbing objects
- Optimisation of the overall contrast: combination of edge enhancement and local enhancement algorithms
- Gamma correction of images
- Image inversion
- Zoom (up to 96 x)
- Quick system start up (approx. 30 seconds)
- Image scrolling

Product Specification
Dimensions: (mm) 2115 (L) 840 (W) 1325 (H) Weight 410 kg
Max bag weight: 180 (kg)
Belt Speed: 0.22 +/- 0,03 m/s
Inspection Tunnel: (mm) 610 (W) x 540 (H)
Conveyor belt height: 700mm
Steel Penetration: 30mm Typical
Wire Detectability: 40AWG
Dual Energy Detection
No of colours: 3+1, 7+1 (switchable)
Operation Temperature: 0°C - 40°C

