

When space is a premium the TR50A offers a compact foot print with no compromise in detection capability. This small but advanced x-ray inspection system can be used for quick and effective inspection of post, parcels, small bags, and briefcases

## TR50A



### FEATURES/BENEFITS OF TR50A

- 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

### PRODUCT INFORMATION

The TR50A provides the effective inspection of small bags and parcels within a limited space.

TR50A allows identification of weapons, explosives (including plastic explosives), drugs, primers and dangerous items, which are safety hazard by identification of substances with effective atomic number.

Dual energy imaging of the system with automatic colour coding of materials having different atomic numbers helps screening specialist to easily identify dangerous objects inside parcels or bags.



Law Enforcement  
Government Buildings



Embassies & Consulates  
VIP Residences



Hotel Complexes  
Shopping Malls



Schools & Universities  
Critical Infrastructure



Public Event Venues  
Banks



### SOFTWARE FEATURES AVAILABLE TO AN OPERATOR

- High density Alert feature
- 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
- Zoom (up to 96 x)
- Quick system start up (approx. 30 seconds)
- Image scrolling

Product Specification
Dimensions: (mm) 1250 (L) 750 (W) 1335 (H) Weight 365 kg
Max bag weight: 160 (kg)
Belt Speed: 0.22 +/- 0.03 m/s
Inspection Tunnel: (mm) 520 (W) x 320 (H)
Conveyor belt height: 843mm
Steel Penetration: Up to 36mm
Wire Detectability: 40AWG
Dual Energy Detection
No of colours : 3+1, 7+1 (switchable)

