NORTHERN SERVICES

TR70A

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.

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

Law Enforcement
Government Buildings

Embassies & Consulates
VIP Residences

Hotel Complexes
Shopping Malls

Schools & Universities
Critical Infrastructure

Public Event Venues
Banks

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: 36mm Guaranteed,   37mm Typical
Wire Detectability: 40AWG
Dual Energy Detection
No of colours: 3+1, 7+1 (switchable)
Operation Temperature: 0°C - 40°C

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