

The TR80A is the preferred model of X-ray scanner for customers requiring the inspection of rolling baggage, boxes and parcels without opening them

TR80A

PRODUCT INFORMATION

The TR80A 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 TR80A

- Proven Reliability
- Optional Automatic Detection System (ADS)
- Optional TIP
- Simple Interface
- Easy to use and highly effective
- Real-Time Self-Diagnostics
- Automatic identification of suspicious objects
- Multi-language interface
- Quick start up & shut down



Border crossings
Transportation Facilities



Security checkpoints
Correctional Facilities



Governmental buildings
Court Houses



Hotel complexes
Banks

OPTIONAL EXTRAS:

- Entry / exit / folding rollers
- Operator's desk
- Two monitor functionality
- Touchscreen operation functionality
- Ramp
- Set of test objects;
- Uninterruptible Power Supply

Product Specification
Dimensions: (mm) 3000 (L) 1200 (W) 1325 (H) Weight 700 kg
Max bag weight: 180 (kg)
Belt Speed: 0.22 +/- 0,03 m/s
Inspection Tunnel: (mm) 610 (W) x 810 (H)
Conveyor belt height: 300mm
Steel Penetration: 34mm Guaranteed, 36mm Typical
Anode Voltage: Standard 140kV / High 160kV
Wire Detectability: 40AWG
Dual Energy Detection
No of colours within the x-ray image: 7 & 3
Operation Temperature: 0°C - 40°C

SOFTWARE FEATURES AVAILABLE TO AN OPERATOR

- Automatically calibrating and normalising the x-ray detector
- Highlighting optically dense objects
- Adjusting contrast of strongly absorbing objects
- Inverting images
- Gamma correction of images
- Threat Image Protection function (TIP)
- Pseudo-colouring of Images
- Colouring substances with atomic numbers from a selected range
- Optimisation of the overall contrast
- Gamma correction of images
- Displaying of organic objects with atomic numbers equal to 7, 8 & 9
- Displaying substances according to a selected range of signal strength
- Zooming images up to 96x
- Automatic archiving of images
- Copying of images onto external storage media
- Counting inspected baggage
- Preparing service reports

