



X-RAY BAGGAGE SCANNING SYSTEM

#Security



ORGANIC INORGANIC OBJECT CLASSIFICATION AND COLORING
ACCORDING TO EFFECTIVE ATOMIC NUMBER
AUTOMATIC EXPLOSIVE DETECTION
HIGH DENSITY REGION ENHANCEMENT AND HIGH DENSITY ALARM
EXTENDIBLE THREAT IMAGE PROJECTION (TIP) LIBRARY
AUTOMATIC GEOMETRIC AND RADIOMETRIC CORRECTION FUNCTION
MULTI LANGUAGE OPTION

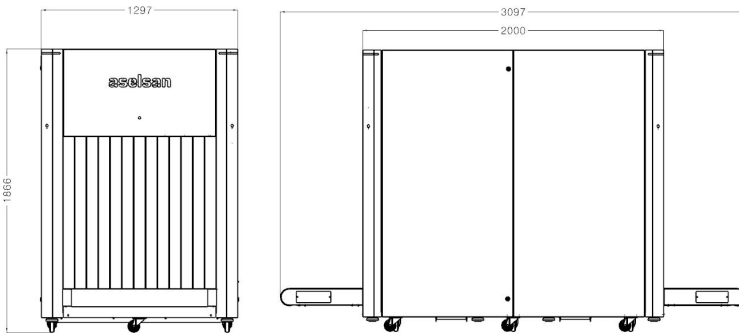


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X-RAY BAGGAGE SCANNING SYSTEM

General Specifications

- Tunnel Dimensions (WxH) : 100 (W) x 100 (H) cm
- External Dimensions (WxLxH) : 136 (W) x 310 (L) x 181 (H) cm
- Weight : ~900 kg
- Conveyor Height : 29 cm
- Conveyor Speed : 0.2 m/s
- Conveyor Load Capacity (Equilly) : 200 kg
- Radiation Leakage : Less than 0.1 mrem/h
- Protection Class (system/keyboard) : IP20/IP65



Electrical Specifications

- Power Supply : 220 (±10%) VAC
- Frequency : 50/60 Hz
- Power Consumption : 600W

X-Ray Generator Specifications

- Anode Voltage : 160 kV
- Anode Current (Max.) : 1.20 mA
- Beam Direction : Vertical
- Cooling : Passive oil cooling
- Duty Cycle : 100%

Equipment Technical Specifications

- Wire Resolution : 36 AWG
- Steel Penetration : 30 mm
- Spatial Resolution : 1.5 mm

Image Generating System

- Detector Type : L - shaped
- Grey Levels Stored : 16 bit
- Image Presentation : B/W, colored

Image Functions

- Zeff color image
- Zeff based calculation
- High penetration
- Low penetration
- Negative
- Organic
- Inorganic
- Metal
- Cosine colormap
- Jet colormap
- High density region enhancement
- Contrast enhancement and control

Additional Features

Functions

- 6 color imaging
- Auto image archiving
- Baggage counter
- Continuous scanning
- Continuous zoom up to 64x
- Geometric image correction
- Radiometric image correction
- Image annotation
- High density alarm
- Self diagnosis
- Monitoring at tunnel entrances and exits
- Multilingual operations

Options

- TIP library
- Remote monitoring and control
- UPS

Video Specification

- Display Type : 24" LCD color
- Display Resolution : 1920 x 1080

Environmental Conditions

- Operating Temperature : 0°C - +40°C
- Storage Temperature : -20°C - +60
- Relative Humidity : %10 - %90

