EI-V150180

Multi-Energy X-Ray Inspection System

EI-V150180 Multi-Energy X-Ray Security Inspection System.

Feature and Application

EI-V150180 multi-energy X-Ray security inspection equipment able to detected the organic, nonorganic, mixtures or lightly metals precisely and quickly, simple and high efficient operation, reasonable human design.

We provide a completely intelligent and safety inspection system for
our customers.

Product Parameter

- Shiny clear images
- Multi-Energy penetration system (≥40-43mm)
- New X-Ray protection technology (<1μGy/h)
- Multi-functions image processing system
- EI-TIP (Threat Image Projection) function
- Any selection of the image magnified area

- Collection the high-speed parallel of detection data
- Removable split structure with independent console
- Support JPG & BMP image transformation format to USB
- Big tunnel design with multi-functions operator interface
- High- resolution(36AWG diameter 0.127mm tinned copper）

General Specification

- Tunnel size.............................1550mm (W) x 1810m (H)
- Conveyor Speed......................0.2m/s
- Conveyor Height......................300mm
- Max. Load..............................2000kg (Evenly distributed)
- Resolution............................. Typical: 36AWG Standard: 34AWG
- Penetration(Steel)....................Typical: 43mm Standard: 40mm
- Spatial Resolution....................Horizontal: Φ1.3mm Vertical: Φ1.3mm
- Image Resolution.....................22''LCD 1680×1050

Image Processing System

- Display..Color & Black and white
- Processing Function...............................F1/F2/F3 self-definition combination, Edge enhancement, negative, the organic & inorganic excluding, High $ low penetration,
- super enhancement, gray scale scan
- Saves Capacity & Pull Back...................100,000 images / infinite review (The previous pictures)
- Resolution...1680×1050
- Processing & Gray scale........................24Bit real-time processing/8192
- Enlargement..Up to 64X dynamic continuous

X-Ray Generator

- Anode Voltage......................................200 KV (adjustable)
- Beam Direction......................................From side
- Cooling & Running Cycle........................Sealed oil cooling & 100%
- X-Ray Sensor..Multi-Energy L photoelectric Diode array detector

X-Ray Security

- Single inspection dose rate........< 2μGy
- Leakage....................................< 1μGy/h (5cm distance from outer),
- According to the national and international
- Safety standard
- Film Safety..................................According to the ISO1600 (33DIN)
- High speed standard

System Function

- Date & Time Display, Luggage Counting, System Working Timing, X-Ray Emission, Working Status Display, User Management, Fault Self-diagnosis and Maintenance Functions, Alarm Function, Urgent Stop, Limits of Authority Management for Operator, Self-check Power-On, Image Magnification Display, Save and Retrieval, Image Navigation, Single-directional Scanning, Image Recognition Training, Network Interface, Browse, Save As, Ultra-thin scanning, TIP, X-Autosight, High Density Alarm, One-key Shutdown.

Optional Function

- Black Box, OTP, Energy Saving, Bi-directional Scanning.

Installation Data

- Size ....5150mm (L) x 2758mm (W) x 2500mm (H)
- Weight 3300KG
- Working Temperature / Humidity......0℃～+ 45℃／20%～95% (Non-condensing)
- Storage Temperature / Humidity......- 40℃～+ 60℃／20%～95% (Non-condensing)

- Power Supply........................AC 220V or AC 380V (+10%~-15%)
- Power consumption...............About 2.3 (KVA)