

**E I - 5 0 3 0 A****General Specifications:**

- ◆ Tunnel Size.....505mm (W) × 305 mm (H) / 20"(W) x 12" (H)
- ◆ Conveyor Speed.....0.2 m/s
- ◆ Conveyor Max. Load.....100kg
- ◆ Wire Resolution.....Dia 0.101mm( 38 AWG) metal wire
- ◆ Penetration.....5mm steel
- ◆ Film Safety.....Guaranteed up to ISO1600
- ◆ X-ray Dose.....Less than 1  $\mu$ Gy/h (5cm from shell of radiation source)

**X-ray Generator**

- ◆ Beam Direction.....Upward
- ◆ Tube Voltage.....70kV
- ◆ Cooling/Duty Cycle.....Sealed Oil Cooling / 100%

**Options**

- ◆ Crisis Analysis System (Black Box)
- ◆ Threat Image Projection (TIP)
- ◆ Operator Training Program (OTP)
- ◆ Baggage Overview Device(BOD)
- ◆ Entry / Exit Roller Tables
- ◆ UPS/Stabilized Voltage Supply

**Image System**

- ◆ X-ray Detector.....L-shape photodiode array
- ◆ Monitor.....1024 X 768 high resolution color monitor
- ◆ Image Display Mode..... B/W, pseudo color
- ◆ Image transformation..... Color / black & white image, negative, edge enhancement, image strengthening, grey level scanning , image recall, suspicious object alarm, image retrieval
- ◆ Image Grey Level.....4096
- ◆ Image Processing ..... 24bit real time processing
- ◆ Image Storage.....Storage 20000 pictures in real time
- ◆ Zoom.....Up to 16 times enlargement
- ◆ Other Functions..... Date & time display, running status indication, eagle-eye function, operator identification code, baggage counting, emergency stop, self diagnosis, network interface, system running timer and x-ray on timer

**Installation Requiremen**

- ◆ Operation Power.....220VAC(+10%~-15%)/50 $\pm$ 3Hz
- ◆ Max.Power.....1.0KVA