

XBIS - PS100100A IS INTENDED FOR VISUAL INSPECTION OF VARIOUS OBJECTS (BIG SIZE LUGGAGES AND PARCELS). AN IDEAL SOLUTION FOR HOTELS, WAREHOUSES, RAILWAYS, ARMY UNITS, HOSPITALS, HOSTELS N MORE...



This is cost-effective and cutting-edge solution for the inspection of large size baggages, or suitecases. Its large tunnel size makes it an ideal solution for industries where big parcels needs to be scan.tains mobility,

This X-Ray inspection sytem can be distinguished for its high throughput, flexibility, reasonable price and quick image evaluation. It meets the requirements of airports, hotels, warehouses, supply chain industry,business centers, prisons and border crossings.

## XBIS - PS100100A

### APPLICATION AREAS



AIRPORTS



CUSTOMS



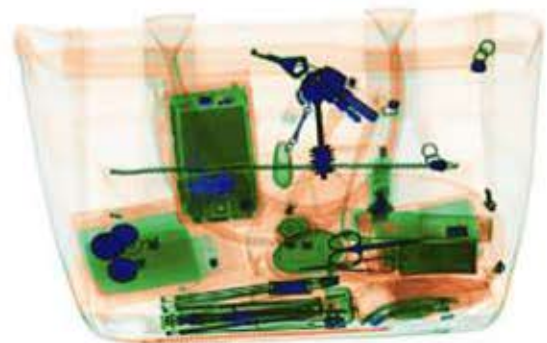
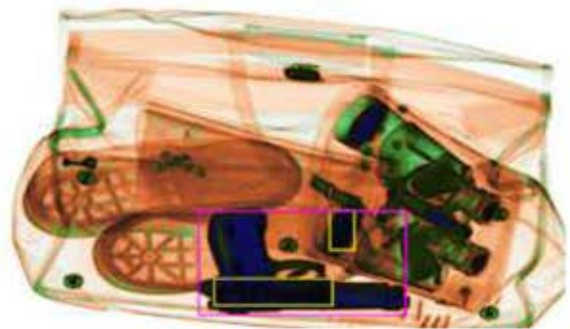
LOGISTICS CENTERS



WAREHOUSES



SEA PORTS



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## TECHNICAL SPECIFICATIONS

|                          |                               |
|--------------------------|-------------------------------|
| Tunnel Size              | 1000 (W) X 1000 (H) mm        |
| Power Requirement        | 220V AC (±10%) 50±3Hz         |
| Power Consumption        | 1.0KW (Max)                   |
| Noise Level              | <58dB                         |
| Conveyor Speed           | 0.22m/s                       |
| Conveyor Max Load        | 250 kgs, Height 300mm         |
| Wire Resolution          | 32AWG                         |
| Spatial Resolution       | 1.0mm Horizontal and Vertical |
| Steel Penetration        | 14mm                          |
| Single Inspection Dosage | < 1.5μGy                      |
| Leakage Radiation        | <0.1μGy/h                     |
| Film Safety              | Guarantee ISO 1600 Film       |

## PARAMETERS

|                                            |                                                                                                                   |
|--------------------------------------------|-------------------------------------------------------------------------------------------------------------------|
| Image Display                              | 19" High Resolution LCD Monitor                                                                                   |
| Display Resolution                         | 1280*1024 ; 24 bit/pixel Color                                                                                    |
| Contrast Sensitivity                       | 24 Visible Levels, 4096 Gray Level                                                                                |
| Image Storage                              | 10,000 pictures in real time                                                                                      |
| Zoom                                       | 16 Times Enlarge                                                                                                  |
| Multi-Energy Color Material Identification | Organic objects in orange color, Inorganic objects in blue color & Mixture in green color                         |
| Edge Enhancement                           | Object contour edge is more distinct                                                                              |
| High Penetration Display                   | Increase the contrast of bright area in image to make the area that is easy to penetrate appear more clearly      |
| Low Penetration Display                    | Increase the contrast of bright area in image to make the area that is difficult to penetrate appear more clearly |
| Brightening / Dimming                      | Increase/Decrease image brightness                                                                                |
| Image Recurrence                           | Display the previous twenty images and process any one of them                                                    |



## X-RAY GENERATOR SPECIFICATIONS

|                |                                 |
|----------------|---------------------------------|
| Anode Voltage  | 80kv                            |
| Tube Current   | 0.6mA                           |
| Cooling        | Sealed oil bath with forced air |
| Duty Cycle     | Rated for 100% Duty Cycle       |
| Beam Direction | Downward                        |
| Beam Angle     | 80°                             |
| Detector       | L - shaped Array                |

## OPERATING ENVIRONMENT SPECIFICATIONS

|                          |                                           |
|--------------------------|-------------------------------------------|
| Operating Temp./Humidity | 0°C ~ 45°C/20% ~ 95% (Non - condensing)   |
| Storage Temp./Humidity   | -20°C ~ 60°C/20% ~ 95% (Non - condensing) |

## SPECIAL FEATURES

|                           |                                                                                      |
|---------------------------|--------------------------------------------------------------------------------------|
| Network Interface         | Capable of connecting LAN, and support multi-terminal check for baggage at same time |
| Safety Ray                | Ray is transmitted under automatic control, avoiding the error                       |
| One-key shut-down control | Just rotate the key to shut - down the machine; it is safety easy and convenient     |
| Eagle eye                 | Capable of expediently observing the magnifying area                                 |
| Self-diagnosis function   | Give message automatically if malfunction for prompt maintenance                     |