

Subsidiary Products

- ◆ EI-BB100 Black Box Crisis Analyzing Security Inspection System
- ◆ EI-BOD Baggage Overview Device
- ◆ MD-2000A Walkthrough Metal Detector
- ◆ EISCAN-1800 Multifunctional Monitor Door of Radioactivity and Nuclear Hazardous Material
- ◆ EI-SM100 Under Vehicle Search Mirror
- ◆ MD-SC301 Handhold Metal Detector
- ◆ EI-DB100 “Dirty Bomb” Inspection Equipment
- ◆ Various Rollout Table
- ◆ EI-OP Series Operation Platform
- ◆ Computers match with the equipments

EI-BB100 Black Box Crisis Analyzing Security Inspection System

◆ Characteristic:

1. Large digital image storage
2. High definition video collect
3. High quality image recording
4. Information centralized comparison
5. Integrated operation system
6. High compatibility (can be installed in all the EI X-ray Inspection Equipment)
7. Trinity display of people, baggage, X-Ray image.
8. Quickly lock criminal suspects
9. Recorded data analysis

◆ Components:

1. Multi-Angle video camera
 2. Large digital image storage
 3. High definition video card
 4. Comprehensive analyzing system
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EI-BOD Baggage Overview Device

◆ Briefly Introduction:

Baggage Overview System (EI-BOD) is a device when suspected baggage is found by X-Ray security inspection machine, the system will inform the baggage overview operator through net and The inspector will check the baggage according to the relevant image shown on BOD. At the same time, the X-Ray security equipment is still working. Currently, the BOD system can be equipped on all EI X-Ray security inspection machines.

◆ Characteristics:

Besides all image process functions of security inspection equipment, it also has bellow:

1. Image 90°C and 180°C rotation
 2. Automatically receives and stores images through net from X-Ray inspection machine.
 3. Clearly light or sound alarm while receiving new images, the baggage which is under scan has to take to around BOD for manual overview, and the BOD shows the rest amount of unchecked baggages
 4. Image search
 5. Long-distance audit capability
 6. Image storage function
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MD-2000A Walkthrough Metal Detector



◆ **Characteristic:**

1. Especially designed for metal and alloy detection.
2. Divided into 6 detective areas to give you precise position of the metal object.
3. Advanced Data-Processing Technique.
4. High sensitivity and stability.
5. No blind area, stable sensitivity without strong or weak sensitive area.
6. Eight work frequencies choice.
7. More than one gate can work together without interference.
8. Sound / light alarm indicate the position of metal objects.
9. Ten different alarm choices.
10. Initialization or calibration is not necessary.
11. 99 sensitivity level choices.
12. No harmful to human health and magnetic object.
13. All parameters can be programmed in advance to meet any demands.
14. 4-bit intelligent alarm system can count people automatically.
15. High sensitivity for metal detection.
16. Adopted fireproof and damp-proof material, so the equipment can be used in comparatively adverse circumstance.
17. It can be connected to computer network.

◆ **Technical Parameters**

1. Area: divided into 6 independent detecting areas.
2. Working Frequency: 6.99 KHz~10 KHz, 8 choices.
3. Weight: 90Kg.
4. Power Supply: A/C 220V, frequency 50Hz.
5. Consumption: $\leq 50W$.

◆ **Dimensions**

1. Interior Dimensions: 200×75×51cm
 2. Exterior Dimensions: 200×88×51cm.
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EISCAN-1800 Multifunctional Monitor Door of Radioactivity and Nuclear Hazardous Material

□ Operation specifications

1. It applies to all kinds of radioactive material (solid dust and particulate, liquid and gas) and radiation inspection.
2. A NaI-detector can work independently or work as an inspection alarm system.
3. A microprocessor is utilized with simplified operation and high sensitivity.
4. Quick response, inspection to alarm time is approximately 0.3s, which can quickly detect passengers whether they brings radioactive materials.
5. Sound adjustable alarm and photovoltaic alarm.
6. On-line measurement alarm system can be easily centralized supervise.

□ Applied Arena

1. Civil Aviation
2. Gym
3. Customs
4. Station and Post-office
5. Recreation place
6. Other public place

□ Criteria

1. Soft Standard: EN60950 (Safety standard of electric appliance)
2. EMC Standard: EN50082-1 (Anti-interference)
3. Other Standards: NLECI-0601 (Emergency decree from level 1 to 5)

□ Technical Parameters

1. Inspection Range..... 0.01 μ Sv/h ~ 200 μ Sv/h
 2. Energy Range & Response.....0.048MeV~3.0MeV \leq 20% (¹³⁷Cs Normalized)
 3. NaI-detector.....Size: Φ 30-50mm
Density, 3.67
Effective atomic number: 50
Transmit wavelength: 4100Å
Refractivity: 1.7
Decay time: 0.25 μ S
 4. Environment.....-10 \square ~50 \square
 5. Relative Humidity..... \leq 95%
 6. Overall Consumption..... \leq 160mW
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EI-SM100 Under Vehicle Search Mirror



- ◆ **Mirrors**

12" Acyclic convex or plane mirror 3mm thickness

- ◆ **Caster wheels**

Swivel base for adjusting. Easy to uninstall the base

3 caster wheels

- ◆ **Rod & Handle**

Steel Rod with EVA handle 4 sections adjustable length

- ◆ **Light & Power**

9 holes high light LED water-proof torch can be adjust high and Low position of battery can be used for over 10 hours continually

MD-SC301 Handheld Metal Detector

Frequency : 50 KHz

Weight : About 409g

Battery : 9V foldable Battery

Inspection Distance:

Hatpin : 30-60mm

Medium-size pistol : 130mm

Pocket knife : 150mm

Steel ball : 120mm

Dimensions : 40cm x14cm



EI-DB100 “Dirty Bomb” Inspection Equipment

◆ Main Characteristics:

1. Applied to all kinds radioactive materials inspection
2. Quick response and high sensitivity
3. Apply to different places



Various Rollout Table

Various Rollout Table



EI-EROT Series Electrical Rollout Table



EI-ROT Series Non-Electrical
Rollout Table



EI-OP Series Operation Platform

EI-OP Series
Operating Platform



Various Operating Platform



Computers match with the equipments

Different computer match
with the equipments



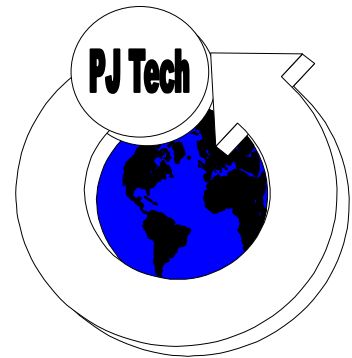
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