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# WALK THROUGH METAL DETECTOR

## MODEL:UB500

### 6 zones

#### PARAMETERS

Power Supply: AC85V-264V

Working temperature:-20°C--+50°C

Working Frequency: 4KHZ—8KHZ

Standard External size: 2200mm(H)X800mm(W)X580mm(D)

Standard Internal size: 2010mm(H)X700mm(W)X500mm(D)

Package size for door Panel Size:2290X560X190 mm\*1ctn

Package size for control unit: 760X380X260 mm\*1ctn

Gross weight: 70KG

#### CHARACTERISTIC & FUNCTION

- **Six mutual over-lapping detecting zones,**
- Simultaneous alarm from multi- zones;
- **Sensitivity adjustable:** Each zone has 100 sensitivity level
- **Sound & LED alarm:** Both Side LED indicator , easily show where the metal is.
- **Automatically count passengers and alarm times**
- **Alarm strength indicator on control panel**
- **Password protection,** only the authorized person can operate.
- **Easy assembly: designed with only 2 pieces cables and 8 screws, simply-to-follow instruction.**
- **Harmless to human body:** is harmless with heart pacemaker, pregnant women, magnetic floppy, recording tapes, etc.
- **Using high density fireproof material**
- **Program Self-diagnostic when power on,no need initial or periodic calibration**
- **Modularization design,**easy for maintenance and replacement.
- Sensitivity Test piece: One yuan Coin, omnidirectional detection
- 4-8 hours backup battery (Option)

#### Application

Exhibition center, Electronic Factory, Bank, Prison, Government office,Hotel etc



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# WALK THROUGH METAL DETECTOR

## MODEL:UB600

### 6 zones

#### PARAMETERS

Power Supply:AC85V-264V

Working temperature:-20°C--+50°C

Working Frequency :4KHZ—8KHZ

Standard External size: 2200mm(H)X800mm(W)X580mm(D)

Standard Internal size: 2010mm(H)X700mm(W)X500mm(D)

Package size for door Panel Size:2290X560X190 mm\*1ctn

Package size for control unit: 760X380X260 mm\*1ctn

Gross weight: 70KG

#### CHARACTERISTIC & FUNCTION

- **Six mutual over-lapping detecting zones,**
- Simultaneous alarm from multi- zones;
- **Small LCD screen,** English operating software, easy to operate.
- **Sensitivity adjustable:** Each zone has 100 sensitivity level
- **Sound & LED alarm:** Both Side LED indicator , easily show where the metal is.
- **Automatically count passengers and alarm times**
- **Alarm strength indicator on control panel**
- **Password protection,** only the authorized person can operate.
- **Easy assembly:** designed with only 2 pieces cables and 8 screws, simply-to-follow instruction.
- **Harmless to human body:** is harmless with heart pacemaker, pregnant women, magnetic floppy, recording tapes, etc.
- **Using high density fireproof material**
- **Program Self-diagnostic when power on,no need initial or periodic calibration**
- **Modularization design,**easy for maintenance and replacement.
- Sensitivity Test piece: One yuan Coin, omnidirectional detection
- 4-8 hours backup battery (Option)
- **Can be customized 12 and 18 zones**



#### Application

Exhibition center, Electronic Factory, Bank, Prison, Government office,Hotel etc

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# WALK THROUGH METAL DETECTOR

## MODEL:UB700

### 24 zones

#### PARAMETERS

Power Supply:AC85V-264V

Working temperature:-20°C--+50°C

Working Frequency :4KHZ—8KHZ

Standard External size: 2200mm(H)X800mm(W)X580mm(D)

Standard Internal size: 2010mm(H)X700mm(W)X500mm(D)

Package size for door Panel Size:2290X560X190 mm\*1ctn

Package size for control unit: 760X380X260 mm\*1ctn

Gross weight: 70KG

#### CHARACTERISTIC & FUNCTION

- **Eight mutual over-lapping detecting zones,**
- Simultaneous alarm from multi- zones;
- **Sensitivity adjustable:** Each zone has 256 sensitivity level,
- **7 inch LCD screen**
- **Infrared remote control**
- **Sound & LED alarm:** Both Side LED indicator ,  
Easily show where the metal is.
- **Automatically count passengers and alarm times**
- **Alarm strength indicator on control panel**
- **Password protection,** only the authorized person can operate.
- **Easy assembly: designed with only 2 pieces cables and 8 screws, simply-to-follow instruction.**
- **Harmless to human body:** is harmless with heart pacemaker, pregnant women, magnetic floppy, recording tapes, etc.
- **Using high density fireproof material**
- **Program Self-diagnostic when power on, no need initial or periodic calibration**
- **Modularization design,** easy for maintenance and replacement.
- Sensitivity Test piece: One yuan Coin, omnidirectional detection
- 4-8 hours backup battery (Option)
- **Network support**
- **Can be customized 6 and 33 zones**



#### Application

Exhibition center, Electronic Factory, Bank, Prison, Government office, Hotel etc

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# WALK THROUGH METAL DETECTOR

**MODEL:UC600**

## 18 zones

### PARAMETERS

Power Supply: AC85V-264V

Working temperature:-20°C--+50°C

Working Frequency: 4KHZ—8KHZ

Standard External size: 2230mm(H)X830mm(W)X730mm(D)

Standard Internal size: 2000mm(H)X700mm(W)X605mm(D)

Package size for door panels: 2280X730X210mm \*1ctn

Package size for control unit: 780X380X260m\*1ctn

Gross weight: 85KG

### CHARACTERISTIC & FUNCTION

- **6 detecting zones**, Simultaneous alarm from multi- zones;
- **Sensitivity adjustable**: Each zone has 256 sensitivity level
- **3.7 inch LCD screen**
- **Infrared remote control**
- **English Language**
- **Using high density fireproof material**
- **Anti-interference function**, using advanced interactive transmitting and receiving to avoid interference.
- **Sound & LED alarm**: Two Sides LED indicators easily show where the metal is.
- **Automatically count passengers and alarm times**
- **Password protection**, only the authorized person can operate.
- **Easy assembly: designed with only 2 pieces cables and 8 screws, Simply-to-follow instruction.**  
Modularization design, easy for maintenance and replacement.
- **Harmless to human body**: is harmless with heart pacemaker, pregnant women, magnetic floppy, recording tapes, etc.
- Sensitivity Test piece: One Yuan Coin, omnidirectional detection
- **4-8 hours backup battery** (Option)
- **Waterproof can be customized**



### Application

Exhibition center, Electronic Factory, Bank, Prison, Government office, Hotel etc

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# WALK THROUGH METAL DETECTOR

**MODEL:UC700**

## 24 zones

### PARAMETERS

Power Supply: AC85V-264V

Working temperature:-20°C--+50°C

Working Frequency: 4KHZ—8KHZ

Standard External size: 2230mm(H)X830mm(W)X730mm(D)

Standard Internal size: 2000mm(H)X700mm(W)X605mm(D)

Package size for door panels: 2280\*730\*210mm \*1 ctn

Package size for control unit: 780\*380\*260m\*1 ctn

Gross weight: 85KG

### CHARACTERISTIC & FUNCTION

- **8 detecting zones**, Simultaneous alarm from multi- zones;
- **Sensitivity adjustable**: Each zone has 256 sensitivity level
- **7 inch LCD screen**
- **Infrared remote control**
- **Both English and Chinese Language**
- **Using high density fireproof material**
- **Anti-interference function**, using advanced interactive transmitting and receiving to avoid interference.
- **Sound & LED alarm**: Two Sides LED indicators easily show where the metal is.
- **Automatically count passengers and alarm times**
- **Password protection**, only the authorized person can operate.
- **Easy assembly: designed with only 2 pieces cables and 8 screws, Simply-to-follow instruction.**  
Modularization design, easy for maintenance and replacement.
- **Harmless to human body**: is harmless with heart pacemaker, pregnant women, magnetic floppy, recording tapes, etc.
- Sensitivity Test piece: One Yuan Coin, omnidirectional detection
- **Network support**
- **4-8 hours backup battery** (Option)
- **Waterproof can be customized**



### Application

Exhibition center, Electronic Factory, Bank, Prison, Government office, Hotel etc

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# WALK THROUGH METAL DETECTOR

**MODEL:UM600(waterproof)**

## 6/12 zones

### PARAMETERS

Input voltage: AC85V-264V, 50/60Hz

Power: <30W

**Gross weight: 55KG**

Working temperature: -25℃~ 55℃

Sensitivity: 256 steps adjustable

Alarm: Visible and audible alarm

Inner Dimensions: 2000\* 710\*300mm

External Dimensions:2240\* 990\*300mm



### 【CHARACTERISTIC & FUNCTION】

- **Sensitivity adjustable:** Each zone has 256 sensitivity level,
- **Oval shape door panels**
- **LCD screen on the top unit**
- **English Program**
- **Using high density fireproof material**
- **Waterproof, can be used outdoor**
- **Anti-interference function,**using advanced interactive transmitting and receiving to avoid interference.
- **Sound & LED alarm:** Two Sides LED indicator easily show where the metal is.
- **6-digits counter: Automatically count passengers and alarm times**
- **Password protection,** only the authorized person can operate.
- **6/12/18 detecting zones,** Simultaneous alarm from multi- zones;
- **Easy assembly: designed with only 2 pieces cables and 8 screws, Simply-to-follow instruction.** Modularization design,easy for maintenance and replacement.
- **Harmless to human body:** is harmless with heart pacemaker, pregnant women, magnetic floppy, recording tapes, etc.
- Sensitivity Test piece: One yuan Coin, omnidirectional detection
- **Infrared remote control** (Option)
- **4-8 hours backup battery** (Option)

### Application

Exhibition center, Electronic Factory, Bank, Prison, Government office, Hotel etc

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# WALK THROUGH METAL DETECTOR

## MODEL:UM700(Portable)

### 24 zones

#### PARAMETERS

Operating temperature:-40°C to +85°C

Relative humidity:99%, non-condensing

Ip grade:ip67

External dimension:2250\*850\*500mm

Passage dimension:2051\*710\*500mm

Fold demension:889\*606\*484mm

Packing dimension:1000\*700\*570mm

Net weight:45kg

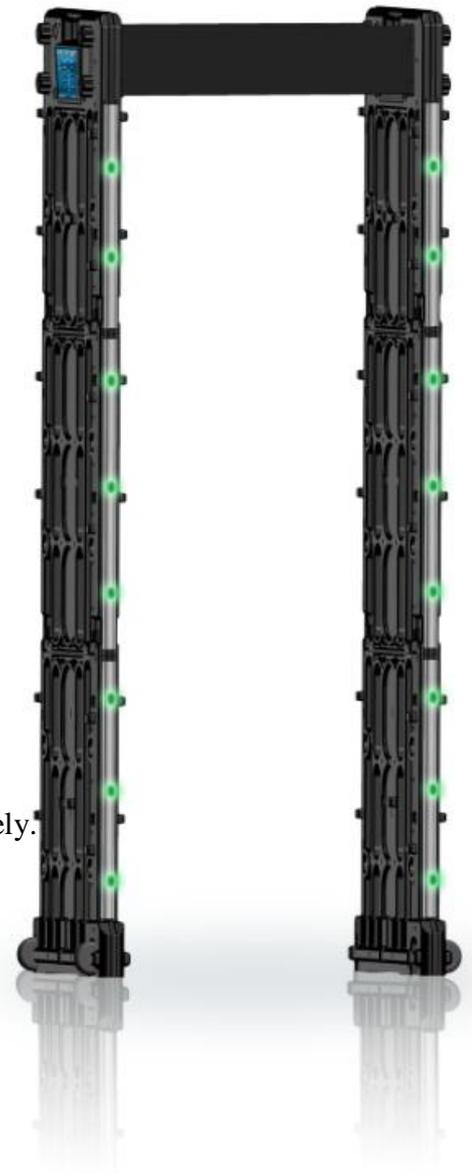
Gross weight:50kg

#### 【CHARACTERISTIC & FUNCTION】

- **Self diagnostic**, it will inform the user when exit the system.
- **Memory Feature Stores Settings** for last operator when power off.
- DSP and Microprocessor Controlled , login into the control panel safely.
- Head-to-Toe, Zone Specific Detected.
- **300 adjustable sensibility levels.**
- **Potable and foldable, waterproof**
- There are 16 individual detect zones.
- **7-inch LCD touch screen**, simple operation
- Remote control
- IP67 Superior waterproof performance
- Self calibration once power on.
- Automatic counting function
- Single person assembly without tools-in less than 5 minutes.
- **Backup battery** (Option)

#### Application

Exhibition center, Electronic Factory, Bank, Prison, Government office, Hotel etc



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# WALK THROUGH METAL DETECTOR

## MODEL:UZ800

33 zones

### PARAMETERS

Power Supply: AC85V-264V / 47.5-60Hz

Power: <15W

Working temperature:-20°C--+50°C

Waterproof can be used outside

Package size for door panels: 2280\*730\*210mm \*1ctn

Package size for control unit: 8000\*290\*250m\*1ctn

Gross weight: 75KG

### CHARACTERISTIC & FUNCTION

- **33 detecting zones**, Simultaneous alarm from multi- zones;
- Sensitivity adjustable: Each zone has 300 sensitivity level
- **7 inch color LCD screen**
- Infrared remote control
- Using high density fireproof material
- 8 hours backup battery
- Automatically count passengers and alarm times
- IN / OUT counter: bi-directional counter
- High sensitivity: Ferrous/ non-ferrous /Alloy can be detected
- **30 preset programs for security applications**
- Anti-interference function, using advanced interactive transmitting and receiving to avoid interference.
- 100 frequencies for option. To work with neighbouring gates at 40cm
- **Sound & LED alarm**: Two Sides LED indicator easily show where the metal is.
- Detecting speed: up to 100 passenger/ min.
- Power save: Automatically power OFF if no passengers in 5 mins. Once pass through the gate, it will automatic working.
- **Password protection**, only the authorized person can operate.
- **Easy assembly**: designed with only 2 pieces cables and 8 screws, Simply-to-follow instruction. Modularization design,easy for maintenance and replacement.
- Harmless to human body: is harmless with heart pacemaker, pregnant women, magnetic floppy, recording tapes, etc.
- Sensitivity Test piece: One yuan Coin, omnidirectional detection
- Network support
- **Can be customized 45 zones**



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# X-Ray Baggage Inspection Machine

**Model: SF5030A(Single energy)**

## General Specifications

Tunnel Size : 500 (W) ×300 (H) mm  
Conveyor Speed: 0.22m/s  
Conveyor Max Load: 100 kg  
Single inspection dosage: < 1.32μGy  
Wire Resolution: 40AWG  
Steel Penetration: 10mm  
Film Safety: For ISO 1600

## X-RAY GENERATOR

Orientation: Upward  
Tube Current:0.4~0.7mA (adjustable)  
Anode Voltage:80KV (adjustable)  
Angle: 60°  
Generator cooling/working periods:  
Sealed oil bath with forced air/100%

## OPERATING ENVIRONMENT

Storage Temperature: -20oC to 60oC  
Operating Temperature: 0oC to 45oC  
Relative Humidity:  
20 to 95% non-condensing  
System Power: 220 VAC (±10%) 50±3HZ  
Power wastage: 1.0 KW (Max)  
Noise<65DB

## X-RAY Sensor:

L-shaped array detector  
24bit  
Single energy

## Image Performance System:

Display: High-resolution 19 inch color LCD display  
Color quality: 24-Bit real colors based on materials  
Edge enhancement: Object contour edge is more distinct  
Super image enhancement: Image detail is more distinct



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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 dark area in image to make the area that is difficult to penetrate appear more clearly.

Magnifier: Partial magnifying function

Brightening/dimming: Increase/Decrease brightness of image

Image recurrence: Display the previous twenty images and process any one of them

Image restoration: Restore image to initial status

Image storage: Real-time store any image and process it in operation status

### **Special features:**

Network interface: Capable of connecting to LAN, and support multi-terminal check for baggage at same time

Safety ray: Ray is transmitted under automatic control, avoiding the error

One-key shutdown 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

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# X-Ray Baggage Inspection Machine

**Model: SF5030C**

## General Specifications

Tunnel Size : 500 (W) ×300 (H) mm  
Conveyor Speed: 0.22m/s  
Conveyor Max Load: 120 kg  
Single inspection dosage: < 1.32μGy  
Wire Resolution: 40AWG (0.0787mm metal line)  
Steel Penetration: 43mm  
Film Safety: For ISO 1600

## X-RAY GENERATOR

Orientation: Upward  
Tube Current:0.4~1.2mA (adjustable)  
Anode Voltage:100~160KV (adjustable)  
Angle: 80°  
Generator cooling/working periods:  
Sealed oil bath with forced air/100%

## OPERATING ENVIRONMENT

Storage Temperature: -20oC to 60oC  
Operating Temperature: 0oC to 45oC  
Relative Humidity: 20 to 95% non-condensing  
System Power: 220 VAC (±10%) 50±3HZ  
Power wastage: 1.0 KW (Max)  
Noise<65DB

**X-RAY Sensor:** L-shaped array detector, 24bit, Dual energy

## Image Performance System:

Display: High-resolution 19 inch color LCD display

Color quality: 24-Bit real colors based on materials

Edge enhancement: Object contour edge is more distinct

Super image enhancement: Image detail 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 dark area in image to make the area that is difficult



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to penetrate appear more clearly.

Magnifier:	Partial magnifying function
Brightening/dimming:	Increase/Decrease brightness of image
Image recurrence:	Display the previous twenty images and process any one of them
Image restoration:	Restore image to initial status
Image storage:	Real-time store any image and process it in operation status

**Multi-energy:** High/low energy: Switch from high energy to low energy

**Color material identification:** Organic objects in orange, inorganic objects in blue, mixture in green  
Assist to detect drug and explosive powder

### **Special features:**

Network interface: Capable of connecting to LAN, and support multi-terminal check for baggage at same time

Safety ray: Ray is transmitted under automatic control, avoiding the error

One-key shutdown 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

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# X-Ray Baggage Inspection Machine

**Model: SF5636**

## General Specifications

Tunnel Size : 560 (W) ×360 (H) mm

Conveyor Speed: 0.22m/s

Conveyor Max Load: 150 kg

Single inspection dosage: <1.01μGy

Leakage radiation: <0.06μGy/h

Wire Resolution: 40AWG

Steel Penetration: 40mm

Film Safety: For ISO 1600



## X-RAY GENERATOR

Orientation: Upward

Tube Current: 0.4-1.25mA (adjustable)

Anode Voltage: 80-160KV (adjustable)

Angle: 80°

Generator cooling/working periods:

Sealed oil bath with forced air/100%

## OPERATING ENVIRONMENT

Storage Temperature: -20oC to 60oC

Operating Temperature: 0oC to 45oC

Relative Humidity:

20 to 95% non-condensing

System Power: 220 VAC (±10%) 50±3HZ

Power wastage: 1.0 KW (Max)

Noise<55DB

**X-RAY Sensor:** L-shaped array detector, 24bit

## Image Performance System:

Display: High-resolution 19 inch color LCD display

Color quality: 24-Bit real colors based on materials

Edge enhancement: Object contour edge is more distinct

Super image enhancement: Image detail is more distinct

High penetration display: Increase the contrast of bright area in image to make the area that is easy to

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penetrate appear more clearly

Low penetration display: Increase the contrast of dark area in image to make the area that is difficult to penetrate appear more clearly.

Magnifier: Partial magnifying function

Brightening/dimming: Increase/Decrease brightness of image

Image recurrence: Display the previous twenty images and process any one of them

Image restoration: Restore image to initial status

Image storage: Real-time store any image and process it in operation status

**Multi-energy:** High/low energy: Switch from high energy to low energy

**Color material identification:** Organic objects in orange, inorganic objects in blue, mixture in green  
Assist to detect drug and explosive powder

**Special features:**

Network interface: Capable of connecting to LAN, and support multi-terminal check for baggage at same time

Safety ray: Ray is transmitted under automatic control, avoiding the error

One-key shutdown 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

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# X-Ray Baggage Inspection Machine

**Model: SF6040**

## General Specifications

Tunnel Size : 600(W) ×400(H) mm  
Conveyor Speed: 0.22m/s  
Conveyor Max Load: 150 kg  
Single inspection dosage: <1.01μGy  
Leakage radiation: <0.06μGy/h  
Wire Resolution: 40AWG  
Steel Penetration: 40mm  
Film Safety: For ISO 1600



## X-RAY GENERATOR

Orientation: Upward  
Tube Current: 0.4-1.25mA (adjustable)  
Anode Voltage: 80-160KV (adjustable)  
Angle: 80°  
Generator cooling/working periods:  
Sealed oil bath with forced air/100%

## OPERATING ENVIRONMENT

Storage Temperature: -20oC to 60oC  
Operating Temperature: 0oC to 45oC  
Relative Humidity:  
20 to 95% non-condensing  
System Power: 220 VAC (±10%) 50±3HZ  
Power wastage: 1.0 KW (Max)  
Noise<55DB

**X-RAY Sensor:** L-shaped array detector, 24bit

## Image Performance System:

Display: High-resolution 19 inch color LCD display  
Color quality: 24-Bit real colors based on materials

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Edge enhancement: Object contour edge is more distinct

Super image enhancement: Image detail 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 dark area in image to make the area that is difficult to penetrate appear more clearly.

Magnifier: Partial magnifying function

Brightening/dimming: Increase/Decrease brightness of image

Image recurrence: Display the previous twenty images and process any one of them

Image restoration: Restore image to initial status

Image storage: Real-time store any image and process it in operation status

**Multi-energy:** High/low energy: Switch from high energy to low energy

**Color material identification:** Organic objects in orange, inorganic objects in blue, mixture in green

Assist to detect drug and explosive powder

**Special features:**

Network interface: Capable of connecting to LAN, and support multi-terminal check for baggage at same time

Safety ray: Ray is transmitted under automatic control, avoiding the error

One-key shutdown 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

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# X-Ray Baggage Inspection Machine

**Model: SF6550**

## General Specifications

Tunnel Size : 650 (W) ×500 (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: 170 kg  
Wire Resolution: 40AWG  
Spatial Resolution: 1.0mm Horizontal and Vertical  
Steel Penetration: 40mm  
Single inspection dosage: < 1.2μGy  
Leakage radiation: <0.1μGy/h  
Film Safety: Guarantee ISO1600 Film



## X-Ray Generator

Tube Current:0.4~1.2mA (adjustable)  
Anode Voltage:100~160KV (adjustable)  
Cooling: Sealed oil bath with forced air  
Duty Cycle: Rated for 100%Duty Cycle  
Beam Direction: Upward  
Beam Angle: 80°  
Detector: L-shaped Array

## Environment Specifications:

Operating temperature/humidity: 0℃ ~ 45℃/20% ~ 95% (Non-condensing)  
Storage temperature/humidity: -20℃ ~ 60℃/20% ~ 95% (Non-condensing)

## Image Performance System:

19" High Resolution LCD Monitor  
Display Resolution: 1280\*1024;24 bit/pixel Color  
Contrast Sensitivity: 24 Visible Levels, 4096 Gray Level  
Image storage: 100,000 pictures in real time (can be customized)  
Zoom: 64 Times Enlarge, Whole screen continuous observation  
Multi-Energy (M) color material identification: Organic objects in orange color, inorganic objects in blue color, mixture in green color

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Edge enhancement: Object contour edge is more distinct

Super image enhancement: Image detail 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 dark area in image to make the area that is difficult to penetrate appear more clearly.

Brightening/dimming: Increase/Decrease brightness of image

Image recurrence: Display the previous twenty images and process any one of them

Image restoration: Restore image to initial status

Assist to detect drug and explosive powder

### **Special features:**

Network interface: Capable of connecting to LAN, and support multi-terminal check for baggage at same time

Safety ray: Ray is transmitted under automatic control, avoiding the error

One-key shutdown 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

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# X-Ray Baggage Inspection Machine

**Model: SF8065**

## General Specifications

Tunnel Size : 800 (W) ×650 (H)  
mm

Conveyor Speed: 0.22m/s

Conveyor Max Load: 200 kg

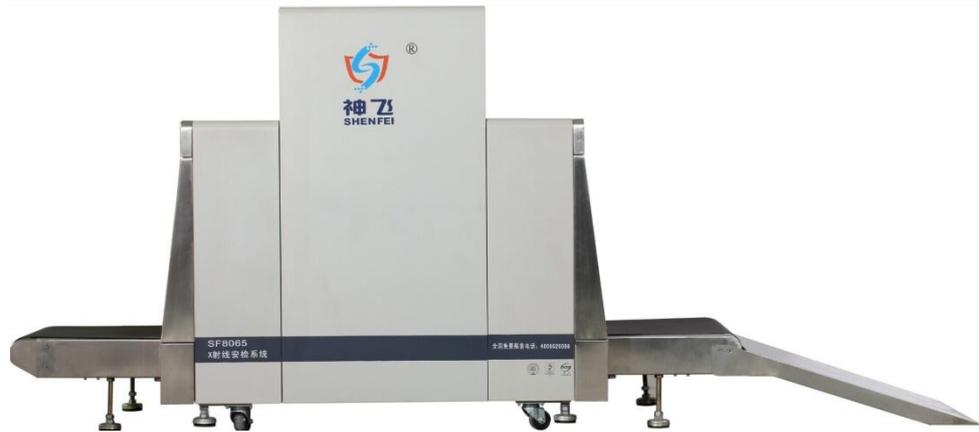
Single inspection dosage:  
< 1.15μGy

Leakage radiation: <0.14μGy/h

Wire Resolution: 40AWG

Steel Penetration: 38mm

Film Safety: For ISO 1600



## X-RAY GENERATOR

Orientation: Downward

Tube Current:0.4~1.2mA (adjustable)

Anode Voltage:100~160KV (adjustable)

Angle: 80°

Generator cooling/working periods: Sealed oil bath with forced air/100%

## OPERATING ENVIRONMENT

Storage Temperature: -20oC to 60oC

Operating Temperature:0oC to 45oC

Relative Humidity: 20 to 95% non-condensing

System Power: 220 VAC (±10%) 50±3HZ

Power wastage: 1.0 KW (Max)

Noise<55DB

## X-RAY Sensor:

L-shaped array detector, 24bit

## Image Performance System:

Display: High-resolution 19 inch color LCD display

Color quality: 24-Bit real colors based on materials

Edge enhancement: Object contour edge is more distinct

Super image enhancement: Image detail is more distinct

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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 dark area in image to make the area that is difficult to penetrate appear more clearly.

Magnifier: Partial magnifying function

Brightening/dimming: Increase/Decrease brightness of image

Image recurrence: Display the previous twenty images and process any one of them

Image restoration: Restore image to initial status

Image storage: Real-time store any image and process it in operation status

**Multi-energy:** High/low energy: Switch from high energy to low energy

**Color material identification:** Organic objects in orange, inorganic objects in blue, mixture in green  
Assist to detect drug and explosive powder

### **Special features:**

Network interface: Capable of connecting to LAN, and support multi-terminal check for baggage at same time

Safety ray: Ray is transmitted under automatic control, avoiding the error

One-key shutdown 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

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# X-Ray Baggage Inspection Machine

**Model: SF10080**

## General Specifications

Tunnel Size : 1000 (W) \*800 (H) mm

Conveyor Speed: 0.22m/s

Conveyor Max Load: 230 kg

Single inspection dosage: < 1.5 $\mu$ Gy

Leakage radiation: <0.2 $\mu$ Gy/h

Wire Resolution: 40AWG

Steel Penetration: 38mm

Film Safety: For ISO 1600



## X-RAY GENERATOR

Orientation: Downward

Tube Current:0.4~1.2mA (adjustable)

Anode Voltage:100~160KV (adjustable)

Angle: 80°

Generator cooling/working periods: Sealed oil bath with forced air/100%

## OPERATING ENVIRONMENT

Storage Temperature: -20oC to 60oC

Operating Temperature: 0oC to 45oC

Relative Humidity: 20 to 95% non-condensing

System Power: 220 VAC ( $\pm$ 10%) 50 $\pm$ 3HZ

Power wastage: 1.0 KW (Max)

Noise<58DB

## X-RAY Sensor:

L-shaped array detector 24bit

## Image Performance System:

Display: High-resolution 19 inch color LCD display

Color quality: 24-Bit real colors based on materials

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Edge enhancement: Object contour edge is more distinct

Super image enhancement: Image detail 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 dark area in image to make the area that is difficult to penetrate appear more clearly.

Magnifier: Partial magnifying function

Brightening/dimming: Increase/Decrease brightness of image

Image recurrence: Display the previous twenty images and process any one of them

Image restoration: Restore image to initial status

Image storage: Real-time store any image and process it in operation status

**Multi-energy:** High/low energy: Switch from high energy to low energy

**Color material identification:** Organic objects in orange, inorganic objects in blue,

mixture in green

Assist to detect drug and explosive powder

**Special features:**

Network interface: Capable of connecting to LAN, and support multi-terminal check for baggage at same time

Safety ray: Ray is transmitted under automatic control, avoiding the error

One-key shutdown 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

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# X-Ray Baggage Inspection Machine

**Model: SF100100**

## General Specifications

Tunnel Size : 1000 (W) ×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 kg

Wire Resolution: 38AWG

Spatial Resolution: 1.0mm Horizontal and Vertical

Steel Penetration: 38mm

Single inspection dosage:

< 1.6μGy

Leakage radiation: <0.2μGy/h

Film Safety: Guarantee ISO1600 Film



## X-Ray Generator

Voltage: 100-160KV (Adjustable)

Tube Current: 0.4 ~1.2mA (Adjustable)

Cooling: Sealed oil bath with forced air

Duty Cycle: Rated for 100%Duty Cycle

Beam Direction: Downward

Beam Angle: 80°

Detector: L-shaped Array

## Environment Specifications:

Operating temperature/humidity: 0°C ~ 45°C/20% ~ 95% (Non-condensing)

Storage temperature/humidity: -20°C ~ 60°C/20% ~ 95% (Non-condensing)

## Image Performance System:

2\* 19" High Resolution LCD Monitor

Display Resolution: 1280\*1024;24 bit/pixel Color

Contrast Sensitivity: 24 Visible Levels,4096 Gray Level

Image storage: 100,000 pictures in real time (can be customized)

Zoom: 64 Times Enlarge, Whole screen continuous observation

Multi-Energy (M) color material identification: Organic objects in orange color, inorganic objects in blue color, mixture in green color

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Edge enhancement: Object contour edge is more distinct

Super image enhancement: Image detail 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 dark area in image to make the area that is difficult to penetrate appear more clearly.

Brightening/dimming: Increase/Decrease brightness of image

Image recurrence: Display the previous twenty images and process any one of them

Image restoration: Restore image to initial status

Assist to detect drug and explosive powder

### **Special features:**

Network interface: Capable of connecting to LAN, and support multi-terminal check for baggage at same time

Safety ray: Ray is transmitted under automatic control, avoiding the error

One-key shutdown 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

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## Hand held metal detector

**Model: MD3003B1**

### Technical specifications

Unit Dimension: 410(L)\* 85(W)\* 45(H) mm

Power voltage: standard 9V battery

Operating voltage: 7V-9V

Operating Current: <50mA

Alarm terms: sound (vibration) and light alarm simultaneously

Waterproof: IP31

Alarm Sound:  $\geq 75$ dB(A)

Operation Frequency: 40KHz

Housing material: ABS- black

Package: 25pcs/carton

Gross Weight for a carton: 14kgs

Carton Dimension: 510(L) X 260(W) X 430(H) mm



### Characteristics

- Portable metal detector, convenient to take.
- It can be recharged. It needs 4-6 hours for charging. (the charger and rechargeable battery are ordered additional)
- The alarm terms is sound and light alarm simultaneously, or vibration and light alarm simultaneously. You can choose the operate terms optionally.
- When the low sensitivity on-off is pressed, the metal detector will only alarm when it finds big metal object
- **Li battery, USB charge cable** (for option)
- **Battery saving function: Automatically power OFF after one minute if no use.** (for option)

### High Sensitivity

Pin: 30-60mm

6 inch Knife: 160-180mm;

One Yuan coin: 75-100mm

64-Pistol : 180-195mm;

Steel ball with 20mm diameter: 120mm;

### Use domain

Security detecting: Prevent taking contraband, such as: knife, gun and so on.

Factory: Prevent the loss of valued objects

Education area: Prevent taking cheat-tool, such as: telephone, electronic dictionary, and so on.

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## Hand held metal detector

**Model: V160**



### Specifications

**4 levels Sensitivity:** Low sensitivity, normal sensitivity, high sensitivity and ultra-high sensitivity

**Power:** dedicated 7.4V lithium battery, 9V Ni-MH batteries.

**Ultra-long standby:** about 100 hours long standby time, dedicated lithium up to 500 hours.

**Charger:** optional

**Operating temperature:** -20℃ ~ +65℃ (relative humidity: 0~95%)

**Size:** 350X80X60(mm)

**Weight:** 200g

**Material:** shock, impact resistant ABS plastic.

High sensitivity for handheld devices designed specifically for the detection of magnetic and non-magnetic metal objects.

Ultra-high sensitivity, can be used to specifically detect extremely small non-magnetic metal objects.

With three forms of sound, light and vibration alarm can be adapted to check in a variety of environments, and long battery life to meet the continuing needs.

Alarm/ Low battery/ Power indicator (green/yellow/red)

V160 hand held metal detector is the most advanced electronic technology, suitable for all international safety standards.

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The end