

ZK-BG-XRT101

Micro-dose X-ray single-channel human safety tester



ZK-BG-XRT101 is a micro-dose visualized single channel human body security product independently developed by ZKTeco. The technology uses non-contact perspective technology to quickly scan and image, effectively detecting metal, non-metallic hazardous substances and explosives, drugs and other contraband that are concealed in human bodies and bags.

The equipment can be widely used in railway stations, airports, customs ports, prisons, detention centers, courts, frontier inspections, mining companies, military enterprises, large-scale conferences, government agencies and other important activities. It can also be used on mobile vehicles.

The mobile security inspection station is the ideal inspection equipment for security.

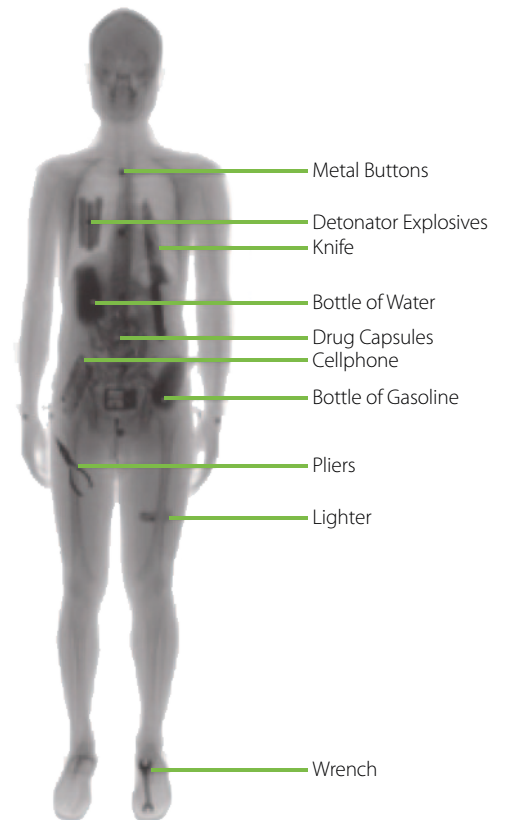
Features

- The human body is rapidly scanned through a fluoroscopic scan and is clearly imaged.
- Image acquisition, recording, can be read at any time.
- Cyclic testing, high inspection efficiency.
- Low detection dose, safe and reliable.
- There are many kinds of measurable items, and the test is comprehensive.
- Easy to operate.



Technical Parameters

- Single detection dose: 0.05-0.2 μ Gy, better than the industry standard 4 μ Gy, European and American standards 0.25 μ Gy.
- Maximum detection height: about 2050 mm.
- Single detection time: less than 3 seconds, better than the industry standard 15 seconds.
- Detection efficiency: up to 1300 inspections/hour.
- Line resolution: 40AWG, capable of distinguishing single solid copper wire with diameter of 0.0787mm (better than industry standard 0.127mm).
- Spatial resolution: able to distinguish less than 1mm pairs (better than the industry standard 1.3mm).
- Inspection method: Open and continuous cycle detection. (patent of a single-channel circulating motion device developed independently).
- Radiation protection: The leakage dose outside the protection boundary is less than 0.69 μ Gy/h (better than the industry standard 2.5 μ Gy).
- Protective device: adopts unique triple self-protection device, leakage dose is only 1/4 of the industry safety standard.



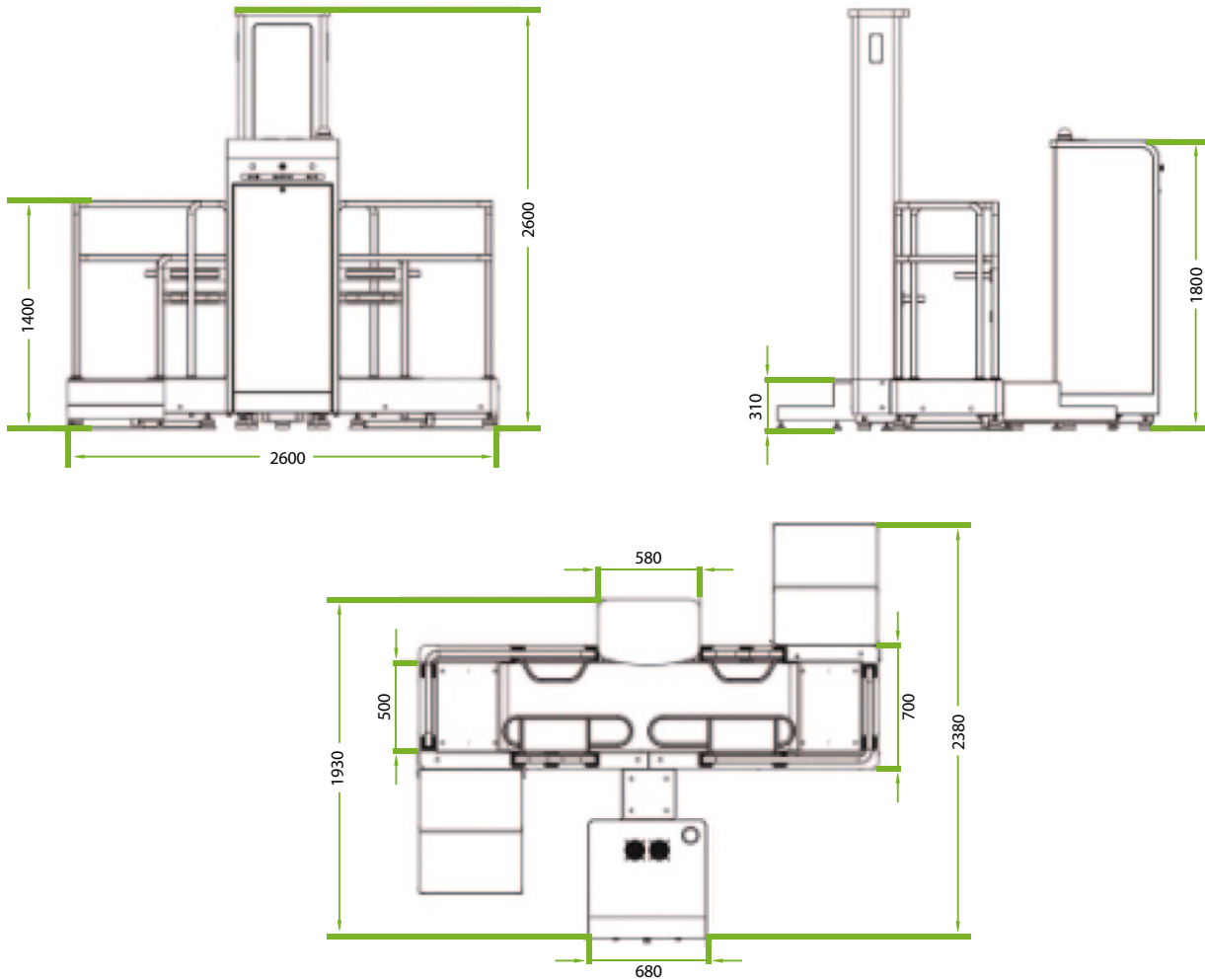
System Configuration

Type	Basic Configuration	Optional Configuration
Hardware	Launch System	Console
	Receiving System	
	Walkways	
	Sound System	
	Guide Display	
	Operation Room	
	Monitor	
	Industrial Computer	
	UPS	
Software	Independent research and development of professional security software	Software Upgrade
		System Networking
		Remote Monitoring System
		ID Identification System
		Face Recognition System

Basic Parameters

Type	ZK-BG-XRT101
Weight	750 KG
Dimensions	2600 x 2380 x 2600 (mm)
Operating Temperature	-5 ~ 40 °C / 10% ~ 90%
Power Consumption	800 (W)
Power Supply	220VAC, 50±3Hz

Dimensions



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