

X - Ray - 3010

X-Ray Full Body Scanner System



EPCC / PRODUCTS / APPLICATION / SOFTWARE / ACCESSORIES / CONSUMABLES / SERVICES

Analytical Technologies Limited

An ISO 9001 Certified Company

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►► Overview

Sharpshooter X-Ray Full Body Scanner System applies Qilootech's Micro Dose X-Ray Technology to screen people with less than 0.20μSv per scan. The full body inspection system can effectively detect metallic and non-metallic contraband and threat such as weapon, explosives and drugs concealed both internal and external of the body. Qilootech's Ultra-Fast Technology achieves less than 3 seconds per scan, and Autowalk Like Design is capable of more than 1200 people scanned per hour.

►► Key Features

- Full Body: internal and external threat detection of metallic & non-metallic objects including drugs, weapons, knives, explosives, liquids, electronic devices, precious stones & rare metals
- Micro Dose for Safety: transmission screening in lower dose per scan: < 0.20μSv
- Fully Shield Protection: fully shielded lead panel design for better protection of operators and surroundings
- Ultra-Fast: < 4 seconds per scan
- Autowalk Like Design: continuously circular belt design over 1200 people per hour
- Ultra Clear Image: higher resolution with no image distortion
- Easy Installation: only 3-joint construction for fast installation and easy alignment

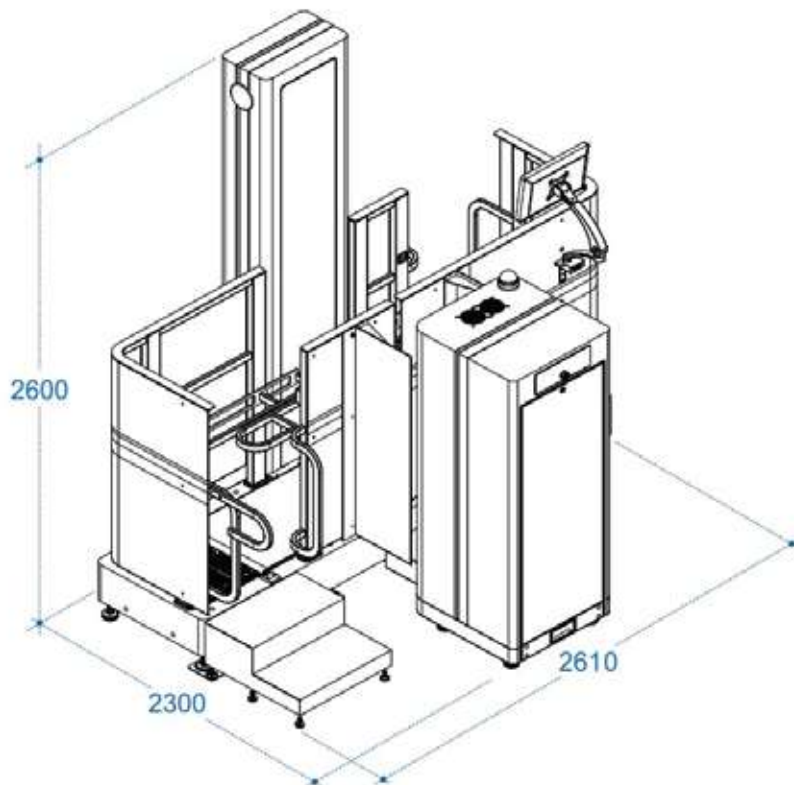
►► Applications

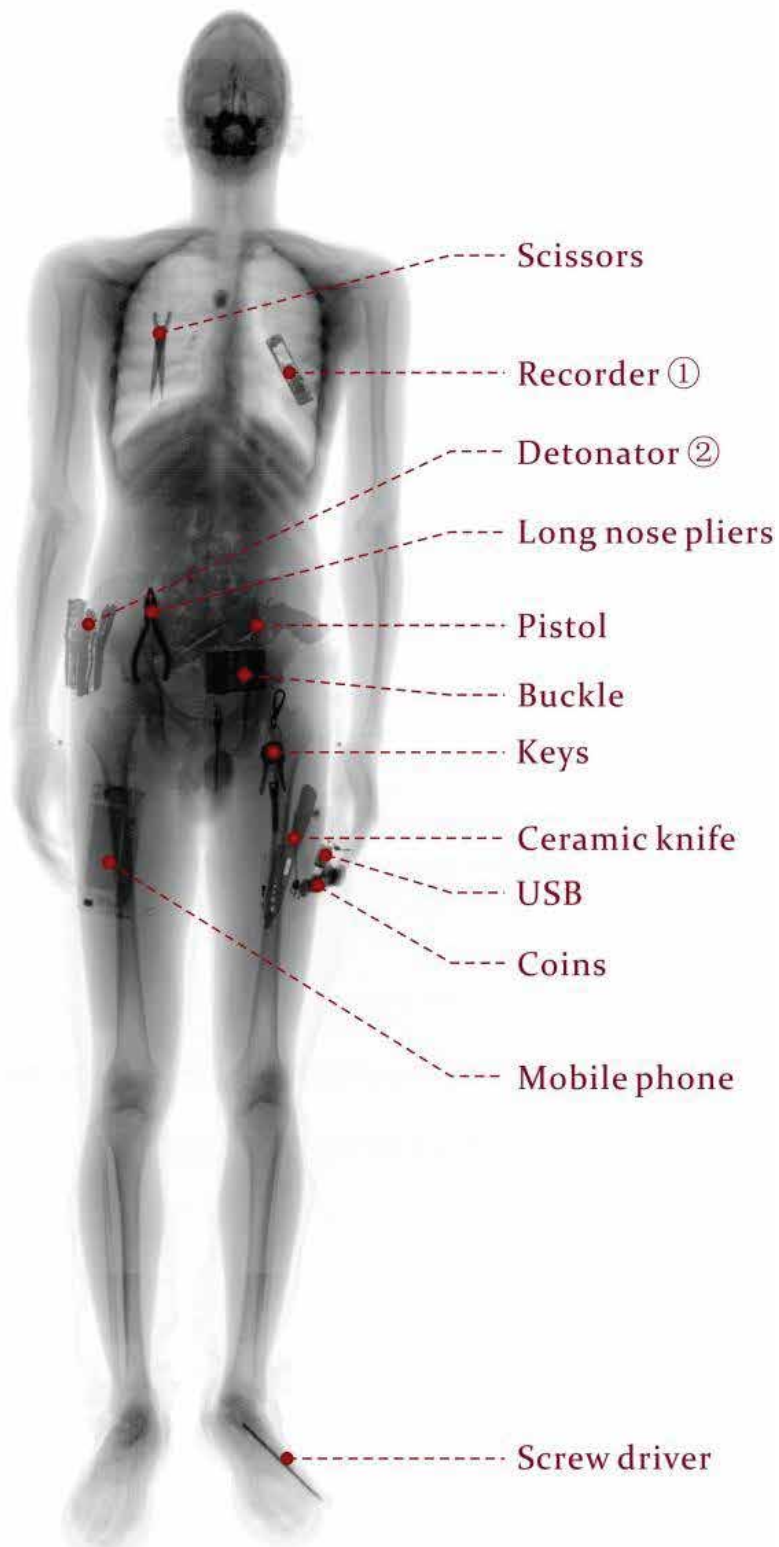
- Law Enforcement: prisons, police and narcotics agency
- Public Transportation: train station, ports, airports and customs
- Mining & Industrial Theft: gold mine, jewelry shop, and electronic factories
- Governmental & Public Safety: parliaments, courts, entertainment & sport events and public gatherings

►► Technical Specification

Physical characteristics	
Weight	1000kg
Dimensions	L2600mm×W2300mm×H2600mm
Working Temperature	-5°C~40°C
Relative Humidity	0%~90% non-condensing.
Storage Temperature	-10°C~45°C
Power Consumption	800W
Input Voltage range:	180~240VAC
Input AC Frequency	50±3 Hz
Performance	
Scanning Height	2.1 m
Single Inspection Dose	<0.2μSv
X-ray Leakage	<0.17μSv/h, at any point 50cm from any external surface of the system
Wire Detectability	AWG40
Spatial Resolution	1.0mm
Contrast Sensitivity	0.5%
Single Scan Time	<4 seconds
Throughput	≥1200 persons per hour
Sound Pressure Level	<54dB
Conveyor Speed	0.17m/s
Image Presentation	
Monitor	Special color TFT monitor with 24-inch LCD display, with high resolution of 1920×1,200
Image Capture	Real time image capture
Image Color	B/W, color overlay
Image Manipulation	Zoom, super enhancement, detail enhancement, B/W reverse, filter, pseudo color, brightness/contrast

Image Retrieve	Saved screening image could be retrieved by operator's ID, captured time and etc.,
Image Storage	1,000,000 pictures (support bmp, jpeg, tiff, png and other forms; support USB transmit)
Other Specifications	
Construction	3-joint construction for easy installation
Inspection Mode	Open-type continuous cyclic detection (independent patent)
Patents	Completely independent patents
Standard	Meet with ANSI/HPS N43.17-2009, and IEC62463 Edition1.0 2010-06. CE certified.
Warranty	1 year





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Validations :Validations :We have protocols for carrying out periodic Validations as per GLP/GMP/USFDA norms.

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Analytical Technologies is synonymous for offering technologies for doing analysis and is the Fastest Growing Global Brand having presence in at least 96 countries across the global. Analytical Technologies Limited is an ISO:9001 Certified Company engaged in Designing, Manufacturing, Marketing & providing Services for the Analytical, Chromatography, Spectroscopy, Bio Technology, Bio Medical, Clinical Diagnostics, Material Science & General Laboratory Instrumentation. Analytical Technologies, India has across the Country operations with at least 4 Regional Offices, 6 Branch Offices & Service Centers. Distributors & Channel partners worldwide.

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Spectrophotometer



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Micro Plate
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Ion Chromatograph



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Regulatory compliances



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2. Improving quality of life by offering YOGA Training courses, Work shops/Seminars etc.

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