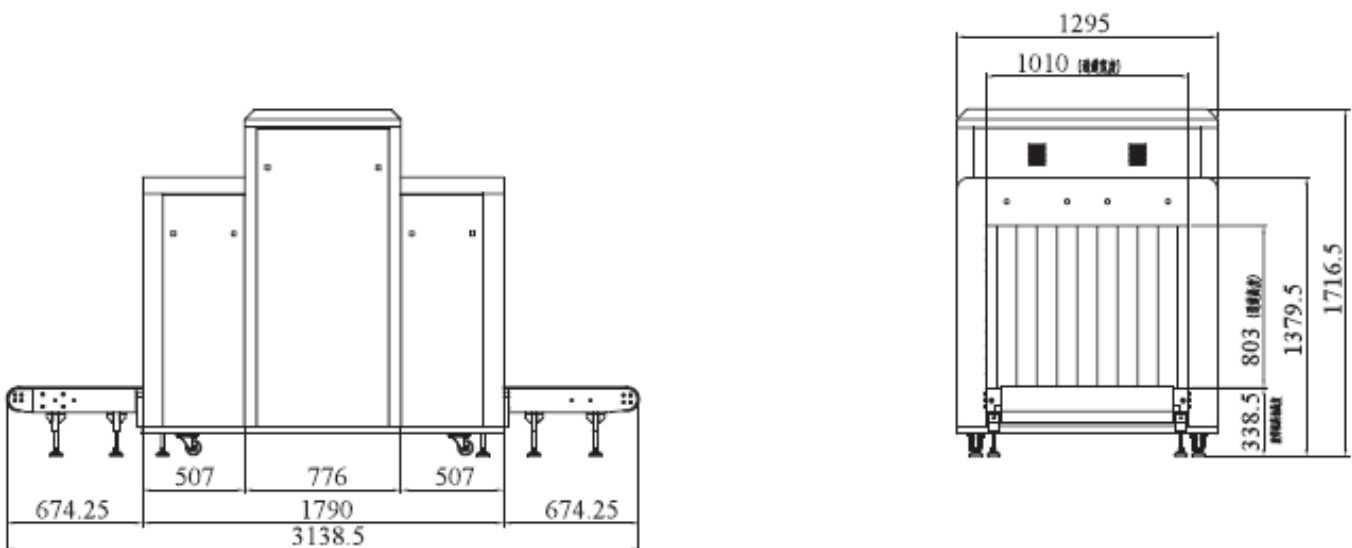# X-Ray Baggage Scanner

AT 10080

Product highlights

* Multilingual operation
* Automatic built in test and self diagnosis
* Secure access Key
* Continuous working 10000 hours above
* Threat alert and material classification
* International standard configuration:
  Japan Hammatsu detection and UK Senstech board
* Network-Ready
* Energy saving design
* One key turn off
* Drugs and explosives inspection
* Indication of the date and time

Dimensional Drawing

507   776   507
674.25   1790   674.25
3138.5

1295
1010
803
1379.5
338.5
1716.5

Important Sizes :

Product Size: 3138.5*1295*1716.5mm (L × W × H)

Tunnel Size: 1010* 803mm (width × height)
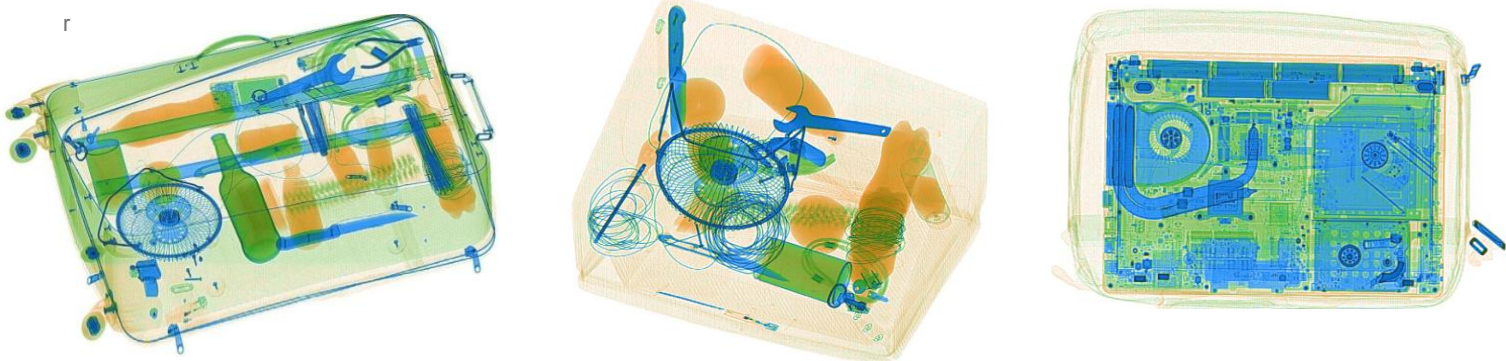
General Specifications

Wire Resolution	Typical AWG38
Penetration resolution	Typical AWG32
Spatial resolution	Vertical:1.3mm, horizontal:1.3mm
Penetration	34mm
Resolution of organic matter	1 - 120 mm
Grayscale and mixture resolution	1 - 60mm
Resolution of inorganic objects	0.2-14mm
Effective material resolution	Meet the requirements of GB15208.1-2005
X-Ray dosage each inspection	$\leq$4. 0 μSv(uGy)
Boundary Leakage	$\leq$0. 5 μSv /h(uGy/h)
S/N ratio	<60dB
Conveyor speed	0.2m/s
Conveyor max load	200kg
Power consumption	1.0KVA
Safety performance requirements	Meet the requirements of GB15208.1-2005
EMC requirements	Meet the requirements of GB15208.1-2005
Electrical safety	Meet the requirements of GB15208.1-2005
Environmental applicability	Meet the requirements of GB15208.1-2005
Leakage current	$\leq$5.0mA
Film Safety	Guarantee ASA/ISO1600 Film
Weight	800kg
Operation temperature/Humidity	5℃-40℃/0%-90%
Storage temperature/Humidity	-20℃-60℃ /10%-90%
Atmospheric pressure	86kPa-106kPa
Operation Power	AC220V(±10%-15%) 50±3Hz
Operation system	Windows XP

Configuration

X ray generator	160KV, oil cooling, from bottom to top
Electric roller	Three-phase
Computer	CPU: Intel Celeron 2.70GHz, Hard drive: 500G, Storage : 2G
Monnitor	17" LED screen, resolution: 1280*1024 pixels
Operation console	Double screen console

Scanned images ▾

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Software Functions

Power-on self-test	With the function of fault self-check, automatically judge the fault and prompt the fault code information in time.
Image processing	With the function of Color/BW, negative, high/low penetration, organic /inorganic stripping, general enhancement, and pseudo color, etc.
Image Recall	30 preceding images recallable.
The number of images stored	Up to 10,000 images stored automatically.
Image management	With the functions of image information query, open, export and print, 6 image formats can be exported (JPG, BMP, XF, PNG, TIFF, GIF)
Operator management	Operators can be added and deleted, and operator names, groups, passwords, enabled status can be modified, and usage logs can be exported.
Dangerous goods image insertion	TIP insertion pictures can be added and deleted, TIP enable status, injection interval, floating range, motion determination time, and stationary determination time can be set; the user can check the operator by recording information.
Equipment diagnosis	Key components of equipment can be diagnosed through the diagnostic interface, including detector, motor positive and negative rotation, infrared sensor, special keyboard, etc.
System Settings	Programmable key, imaging display (horizontal, vertical image, maximum magnification, display recovery), scanning mode setting (two-way, direction, strong scanning, energy saving), auxiliary inspection (difficult to penetrate, explosives, drugs), luggage counter function Settings.
System equipment information	Display software version, equipment model, factory number, scan count, power on time, beam out time, image file storage capacity and other information. Able to conduct automatic through-baggage training for new operators.
Training function	Able to conduct automatic through-baggage training for new operators.

Compliance

International

* ISO19001 ; ISO14001 ; ISO27001 ; OHSMS18001 ;
* CE , ROHS, FCC, REACH
* USA, FDA

National (China)

* Health Inspection Report
* Computer Software Copyright Registration Certificate
* Software Product Registration Certificate
* Radiation Safety Certificate from Ministry of Public Security
* Quality Certification from Safety and Police Electronic Products Quality Inspection Center
* Design patent certification