

# AT100100B

## X-Ray Scanner with Spellman generator



### Image System

X-ray Sensor: L-Shaped Photodiode Array ,16bit deep .

Monitor: High Resolution Color, LCD Accord, 17 inch Image Processing: Black / white, abundant energy , variable absorptive, elimination of inanimate matter, elimination of organism, super-enhance, reversed color, high energy penetration, low energy penetration, image strengthening, image lightening, reducing darkening. Memory gray level : 65536 Image

Max Resolution: 1024 \* 1280 pixel

Image Processing: 24bit for processing real time

Image storage: Storage 100,000 pictures in real time

Zoom: 32X/64X Times Enlarge, Whole screen continuous observation Multienergetic distinguish retrieval.

Objects: Selective detection of Objects by atomic number, organic objects in orange, inorganic objects in blue, mixture in green.

High-energy/low energy: switch from high energy to low energy

Assist to detect drug and explosive powder.

TIP function: Automatic identification of threads such as knives guns, etc.

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### General Specification

Tunnel Size: 1005(W)\*1007(H)mm

Conveyor Speed: 0.22m/s

Conveyor height : 298mm

Conveyor Max Load:200kg

Wire Resolution: 38AWG guaranteed, 40AWG typical

Spatial resolution Level: dia1.0mm,Vertical: dia1.3mm

Steel Penetration: 34mm guaranteed, 38mm typical

Film Safety : guarantee ISO 1600 film

X-ray Leakage: <1.0 $\mu$  Sv / hr(at a distance of 5cm From external housing).

### Computer Character

Computer CPU: Intl Core 2 Duo 3400, 2.6GHz, 1MB, L2 Cache and 800Mhz FSB Little low version,  
Motherboards: Intel G41, Bus architecture: Integrated Graphics,5PCI, 1PCI Express \*1and 1PCI BX  
press \*16 .

Memory: 2GB1333MHz DDR3 RAM, with Minimum2 total DIMM slots.

Hard Disk drive: 500GB 7200 rpm serial ATA.

### Other Characters

Keyboard Protection: IP43

Machine Protection: IP20

Dual direction scanning

Extension Rollers: Optional

UPS: Optional Support card reader operator access

Monitor Table: two LCD monitors, made in stainless steel. it have vents and transparent parts

Computer system: Window XP System

LCD monitor: 19 inch (optional)

Certificates: ISO9001:2008, CE

### Operating Environment

Operation temperature/Humidity: 0°C-45°C/10%-95%(non-condensing)

Storage Temperature/Humidity: -40°C-60°C/10%-95%(non-condensing)

Operation Power: 220VAC ( $\pm$ 10%), 50Hz

Power Consumption: 1.0 KW (max), 1.0KW (working)

Noise: <58db

