SG-L 6040 B X-Ray Baggage Scanner



Product Highlights

- * Linux operation system
- * ARM cpu
- * Digital signal and processor
- * Continuous working 10000 hours above
- * Energy saving design
- * High penetration
- *Good quality images
- * One key turn off



General Specifications

■ Wire Resolution

■ Penetration resolution

■ Spatial resolution

■ Penetration

■ Resolution of organic matter

■ Tunnel size

■ Resolution of inorganic objects

■ Effective material resolution

■ X-Ray dosage each inspection

■ Boundary Leakage

■ S/N ratio

■ Conveyor speed

■ Conveyor max load

■ Power consumption

■ Safety performance requirements

■ EM C requirements

■ Electrical safety

■ Environmental applicability

■ Leakage current

■ Film Safety

■ Weight

■ Operation temperature/Humidity

■ Storage temperature/Humidity

■ Atmospheric pressure

■ Operation Power

■ Operation system

Typical AWG 40

Typical AWG 32

Vertical:1.0mm, horizontal:1.0mm

Typical 32mm

620(W)*420(H) mm

≤3.5µSv (uGy)

 $\leq 0.5 \mu \text{Sv /h}(\text{uGy/h})$

<60dB

0.2m/s

100kg

0.5K W

Meet the requirements of GB 15208.1-2005

≤5.0mA

Guarantee ASA/I SO 1600 Film

260kg

5°C-40°C/0%-90%

-20°C-60°C /10%-90%

86kPa-106kPa AC

220V(±10%-15%) 50±3Hz

LI NU X

■ General Specifications

X ray generator

■ Electric roller

Computer

Monnitor

Operation console

80 KV / 100 KV, oil cooling, from bottom to top

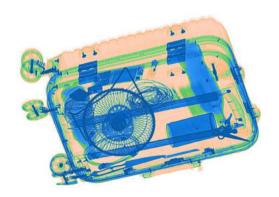
Direct current

Hard drive: 500G, Storage: 1G

21.5" L E D screen, resolution: 1280*1024 pixels

N/A

Scanned images







Functional characteristics

FC (B) C E MAHS

■ 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

1-64times enlargement continuity.

With the function of Color/ B W, negative, high/low penetration, organic /inorganic stripping, general enhancement, and pseudo color, etc.

30 preceding images recallable.

Up to 10,00 images stored automatically.

The real-time curve can be used to detect whether the acquisition system and components work normally. System time can be set

It can realize the manual deletion of the low and low energy detection board dead pixels, and display the deleted dead pixels in the display area.

There are two source and analog source control modes, the source parameters of the digital source

The alarm function can be activated and deactivated, and the alarm type of the alarm box, sound and light alarm can be selected, and the sensitivity, minimum absorption rate, maximum absorption rate, and alarm duration can be set.

It can realize whether the components such as the entrance and exit light barrier, side panel switch, emergency stop switch and light source are normal, and display the standard value and current value of the detection voltage

The drum running control direction and the image display moving direction can be set.

It can realize software registration function and has serial number, registration code, registration status and system time information display.

Log in by entering different user name and passwords, only when logging in can you make other settings. You can add, delete, edit the user name and password, set the user level to restore the deleted user.

Different default permissions can be set according to user level.

The system language can be set to switch between Chinese and English.

User operations can be monitored to guery user actions.

The version and device number can be displayed.

The report can be generated by the tip operation after the tip insertion function is turned on, and the content of the report: user name, number of tip insertions, number of tags, false positive rate, probability of detection, probability of false positives.

It can be set to enable and disable the insertion of dangerous goods, and can set the identification time, Prompt time, insertion frequency, proportion of single items inserted into dangerous goods, add tip files and delete files.

It can query, open, and export the checked image.

It can set log level, save the file time, whether to open the training function and setting the smart roller.

Display system working hours, the total working hours of the ray source, the total number of system baggage and packages, and the total number of baggage packages this time, and clear the above data.

It can select the exported data, pictures, and backup directory, select and adjust the motor type, detector type, whether to enable the debug mode, model, and gain, enter the corresponding IP address on network connection to realize sharing function, and have corresponding software to achieve system upgrade.

■ Image Recall

■ The number of images stored

■ Real-time curve

- Time setting
- Probe setting
- Ray source setting
- Alarm system
- Troubleshooting
- Image setting
- Software registration
- User login
- User management
- Authority management
- language settings
- Log management
- About
- T I P report
- Tip management
- Document management
- Function setting
- Data setting
- System parameter setting

Compliance

- International
- National

- *ISO19001; SO14001; ISO27001; OHSMS18001; CE, ROHS, FCC, REACH, USA, FDA
- *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 pantent certification.

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