



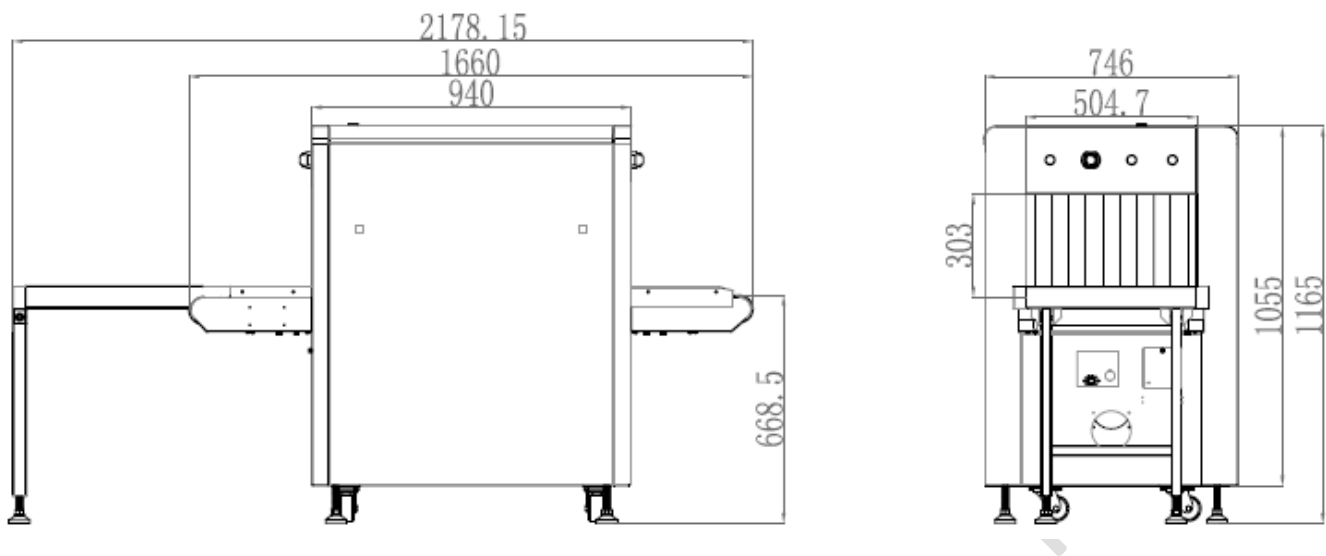
KT Automation Pvt. Ltd.
Making India Safer, Securer & Automated

SR. NO	DESCRIPTION	
1.	X-Ray Baggage Scanner Model: Trust Safety Solutions 5030 (Tunnel Size:-500x300mm) ✓ Outfeed Table Included ✓ Monitor Included ✓ Installation and Training (1day) ✓ One Year Warranty Features: • Linux Operation System • ARM CPU • Digital signal and processor • Continuous hard work for 10000 hours • Energy saving design • High penetration • Good quality images • Automatic Built in Test and Self Diagnosis • Secure Access Key	 

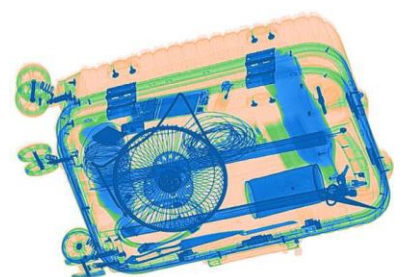
Applications:

Airports	Factories (to find needle in clothing, shoes, bags)	Embassies	Hotels
Transport terminals	Security checkpoints	Schools	Prisons
Buildings	Courthouses	Convention centers	Special events location

Outlook Size:



Scanned Images from the our Baggage Scanner ---



SPECIFICATIONS:

Physical Specifications

Unit weight	260 (kgs)
Product Size	2178* 746 * 1165mm (L × W × H)
Tunnel Size	504.7* 303mm (width × height)

General Specifications

Wire Resolution	Typical AWG40
Penetration Resolution	Typical AWG32
Spatial Resolution	Vertical 1.0mm; Horizontal 1.0 mm
Penetration	Typical 8mm
X ray dose per each inspection	≤ 3.5 μGy
Boundary Leakage	≤ 0.5 (μGy/h)
S/N Ratio	< 60dB
Conveyor Speed	0.2(m/s)
Conveyor Max Load	100(kgs)
Power Consumption	0.5 KW
Leakage current	≤ 5.0mA
Film Safety	Guarantee ASA/ISO 1600 Film

X-ray Generator (Single)

Anode Voltage	80 KV
Generate direct	From Bottom To Top
Electric Roller	Direct Current

Software System

Self-test after power on	With the function of fault self-check, automatically judge the fault and prompt the fault code information in time
Image processing	1-64 times enlargement continuity. With the function of Color/ B W, 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 1000 images stored automatically
Real-time curve	The real-time curve can be used to detect whether the acquisition system and components work normally.
Time setting	System time can be set
Probe setting	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.
Ray source setting	There are two source and analog source control modes, the source parameters of the digital source can be set.
Alarm system	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.
Troubleshooting	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
Image setting	The drum running control direction and the image display moving direction can be set.
Software registration	It can realize software registration function and has serial number, registration code, registration status and system time information display
User login	Log in by entering different user name and passwords, only when logging in can you make other settings
User management	You can add, delete, edit the user name and password, set the user level to restore the deleted user.
Authority management	Different default permissions can be set according to user level.
Log management	User operations can be monitored to query user actions.
About	The version and device number can be displayed.
T I P report	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.
Tip management	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.
Document management	It can query, open, and export the checked image. It can query, open, and export the checked image.
Function setting	It can set log level, save the file time, whether to open the training function and setting the smart roller.
Data setting	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.

System parameter setting	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.
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Operating Environment

Operation temperature/Humidity	5°C-40°C / 0%-90%
Storage Temperature/Humidity	-20°C - 60°C / 10%-90%
Operation Power	220VAC(±10%-15%) 50±3Hz

Computer:

Monitor	21.5" LED screen, Resolution: 1280*1024 pixels
Operation console	Single Screen Console
Computer	Hard drive: 500G, Storage: 1G

Compliance:

• ISO19001 ; ISO14001 ; ISO27001
• 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