SMART TECHO X-RAY Baggage Scanner

With us, your life is safe and stable

Safe to use & Simple to manage

Introduction:-

STXR-6040C Single Energy X-ray Inspection System:

STXR-6040C uses reliable high quality X-ray generator. With the superb image algorithm, STXR-6040C could offer clear scanning image, which allows operators to identify potential threat items visually. STXR-6040C X-ray inspection system increases the operator's ability to identify potential threats; the device is designed to scan briefcases, carry-on baggage, small cargo parcels. With ergonomic modern design, STXR-6040C could help operators to identify suspicious items fast and accurately.* Kindly note: STXR-6040C equipped with a computer keyboard

Application field:-

Entertainment venues, tourist attractions, office buildings, shopping malls, factories, etc.;
Suitable for security inspection of briefcase, hand luggage, postal parcels and other small package

High Light:-

1. Black white and Pseudo color display
2. Windows 10 operation system
3. With independent industrial computer
4. Professional multi-function operation

Keyboard functions:

1. Automatic save scanned image;
2. Reliable performance;
3. Friendly Image processing interface

Technical characteristics:-

1. multi-energy penetration system;
2. New radiation protection technology
3. TIP program;
4. Clear and distinct image;
5. Scanned imaged can zoom up to 64 times
6. Integrated structure design, refinement appearance
7. the latest ASIC all-digital solution design,
8. RTOS real-time image processing system

Specifications

General Specifications

Model	STXR-6040C
Channel size	605 * 405 mm (width * height)
Conveyor speed	0.22m / s (adjustable)
Conveyor Max Load	180 kg
Steel penetration	38 mm
Line resolution	> 38 AWG
Spatial resolution	Horizontal/vertical Φ 1.0mm

X-ray Generator

Tube voltage	140~160kV (multi-energy)
Direction	upward or downward
Tube current	0.6 ~ 1.2 mA (adjustable)
cooling	Sealed oil cooling / 100%
Duty cycle	100%, no preheating
Beam divergence angle	Diagonally 80 °
Protection function	Over voltage, over current, over temperature protection

Radiation Safety Indictors

X-ray Leakage	<0.5	Gy/h (at a distance of 5cm From external housing)
Single dose:	<5.0µGy
Film Safety	Safety on the ISO1600
Lead curtain	The main body is protected by a 2 ~ 4mm lead plate to ensure that the peripheral radiation of the equipment meets the national safety standards

Image & Video

Color Image Display	6 Color Imaging / 32-bit true color display
X-ray sensor	L-Shaped Photodiode Array(multi-energy), 24bit Deep
Enlarge	Fractionated gain above 64 rate, dynamic zoom display
Edge enhancement	The outline of objects more clear edge
Super image enhancement	Clearer image details
Video Card	1 GIGA
Audible/Visible Alarm	It can set alarm value, will give sound and visible signal when conforming to condition
Image Playback:	Quickly scan and display arbitrary images saved
Image Storage	Storage real-time pictures in different forms as

	BMP, JPG, PNG etc. , arbitrary image processing, continuously store
Max. Storage	**Up to 200,000 scanned images**
Installation Data	
Weight	**500 Kg (including wooden box)**
Power Requirements	**AC220V±10%, 60Hz±5Hz**
Power consumption	**0.4 KW (MAX)**
Packing size	**1950mm(L)*1005mm(W)*1500mm(H), 2.93cbm**
Environmental Condition:	
Operating Temperature	**0°C~ +45°C/**
Storage Temperature	**-20°C~ +60°C**
Humidity	**20%-95%, non-condensing**
Noise level	**<58 dB(A)**
COMPUTER	
operation system	**Windows 10 operation system**
Processor (QC-2.24GHz)	**Intel(R) Celeron(R) CPU G1840 @2.80GHz 2.80Ghz**
Display	**High-resolution 21-inch LED Monitor**
Memory Onboard	**4 GB RAM**
Hard	**1TB**
Video Card:	**1 GB Video Card**
certificates	
certificates	**ISO (14001:2015) / ISO (9001 : 2015) / TSA / STAC / CE/FC**

Dimensions: