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- A large, white, industrial-grade X-ray baggage scanner. It features a central white cabinet with a monitor mounted on top. The left side has a control panel with a yellow emergency stop button and other indicator lights. The machine is equipped with a conveyor belt system for transporting luggage through the scanning area. Safety warning symbols, including a radiation warning, are visible on the front. The unit is mounted on casters for mobility.



KS-XS-5030S

X-Baggage Scanner

Overview

The Kepler Machines X-Ray Inspection System are simple, elegant and thoughtfully designed to provide outstanding threat protection. KS-XS-5030S has a tunnel opening of 500 (W) X 300 (H) and it offers a compact design with increased dimensions for a wider range of placement. The KS-XS-5030S has been designed to meet the needs of airport, parcel service, transportation hubs and custom facilities - in applications where high security and the screening of large objects are required.

The low installation height of the conveyor system facilitates the connection of supplementary feed and/or discharge conveyor systems for heavy freight. The scanners offered by Kepler machines are composed utilizing most recent innovation, which assists with reducing the shots of mishappenings. The systems are equipped with Real-Time Diagnostics, which allows users to monitor system health and thus greatly increasing system lifespan. While the detection performance is far superior to that of other automatic systems, the rate of false alarms has been considerably reduced through the use of optimized algorithms.

The system is equipped with high-speed Ethernet TCP/IP data communication capability. Images can be securely sent through the network to a central server where they can be viewed, stored, and printed. KS-XS-5030S safety detection equipment can display pseudo color and black and white images, with simple and efficient operation.

We provide fully intelligent and secure inspection system with customizations and order flexibility based customer requirements, and we are committed to provide quality product and global service network working efficiently.

X - Ray Generator

Orientation	: Downward
Tube Current	: 0.4-.7 mA
Anode Voltage	: 80 KV
X - Ray Divergence Angle:	60°
Cooling	: Sealed oil bath with Forced air

Equipment Specification

Tunnel Size	: 500 (W) X 300 (H) mm
Conveyor Speed	: .22 m/s
Conveyor Max Load	: 170 Kg
Single Inspection Dosage	: < 1.2 μ Gy
Leakage Radiation	: < .1 μ Gy/h
Wire Resolution	: 40 AWG
Steel Penetration	: 40 MM

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Operating Environment

Storage Temperature	: -20°C to 60°C
Operating Temperature	: 0°C to 45°C
Relative Humidity	: 20 to 95 %
System Power	: - 220 V AC, 50 Hz
Power Wastage	: 1 KW (Max)
X-Ray Sensor	: Single Energy L-shaped array detector, 24 bit

Image Processing System

19" High Resolution Display
High Penetration Display
Low Penetration Display
Edge Enhancement
Zoom In/ Zoom Out Option
Replay Option

Additional Features

Network Enabled
Super Image Enhacement
Image Brightening/ Dimming
Color Material Identification

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