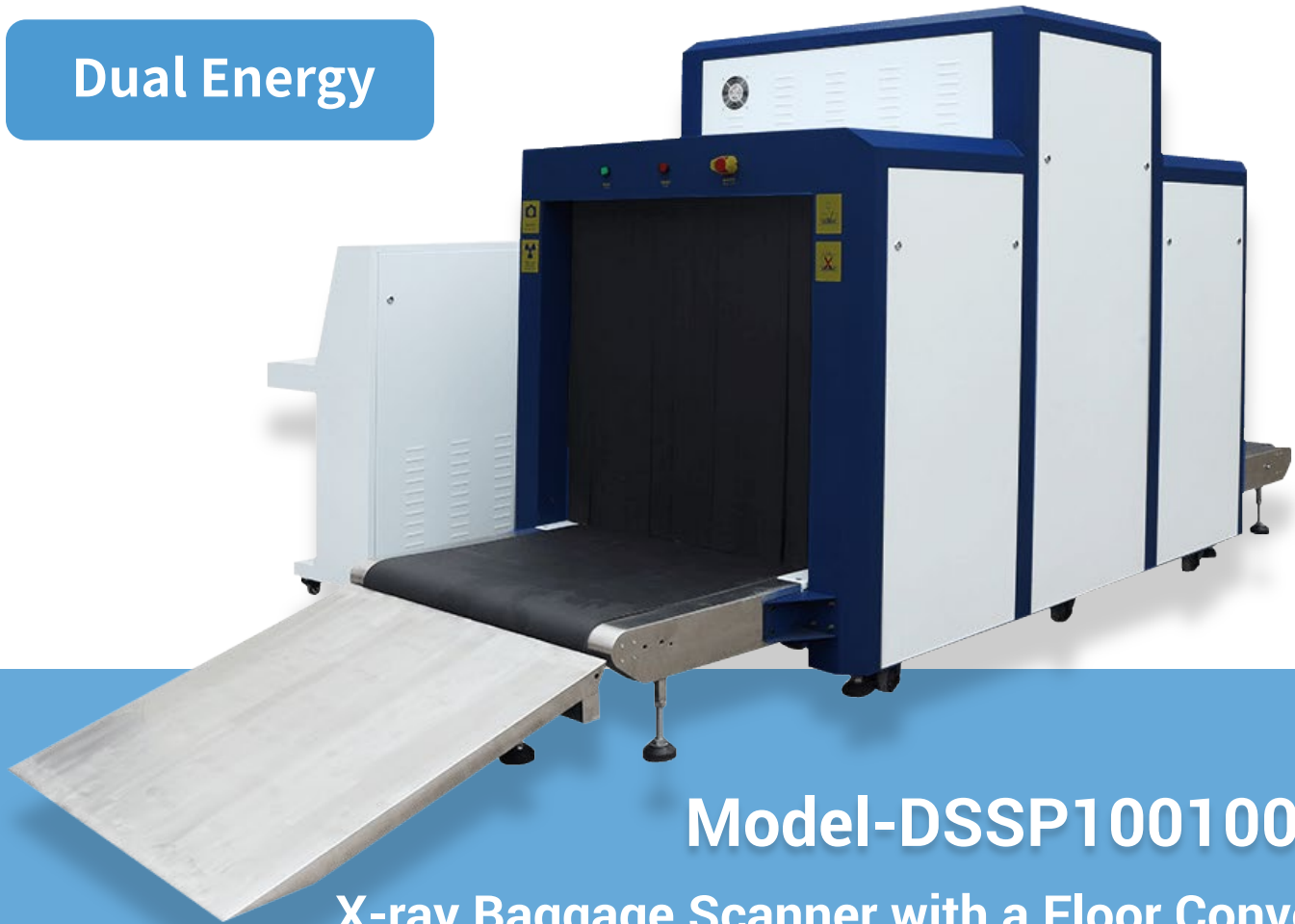


Dual Energy



## Model-DSSP100100C

### X-ray Baggage Scanner with a Floor Conveyor

DSSP100100C used in penetrate inspection, can detect the object metal structure, display where is invisible to the naked eye. Used in the factory products testing and public institution security check such as: electronic factories, exhibition, shoe factories, toy factories, courts, railway stations, customs, terminal and large-scale activities package security check.

#### ■ Application



## ■ Features

- ✓ Alarm by sounds & light: Alarm by sounds and light when conform to condition.
- ✓ Portable structure design, independent operating table.
- ✓ High-speed parallel detection data acquisition.
- ✓ Built-in a variety of image algorithm processing, image can be freely transformed.
- ✓ EI-TIP (hazard image projection) processing functions.
- ✓ Built-in automatic diagnosis function, monitor and display.
- ✓ Has a multi-functional operating interface.
- ✓ Built-in USB transmission JPG&BMP format function.
- ✓ with automatic induction energy saving, one-click shutdown function
- ✓ Extremely low leakage radiation dose rate, fully in line with domestic and foreign health and safety standards.

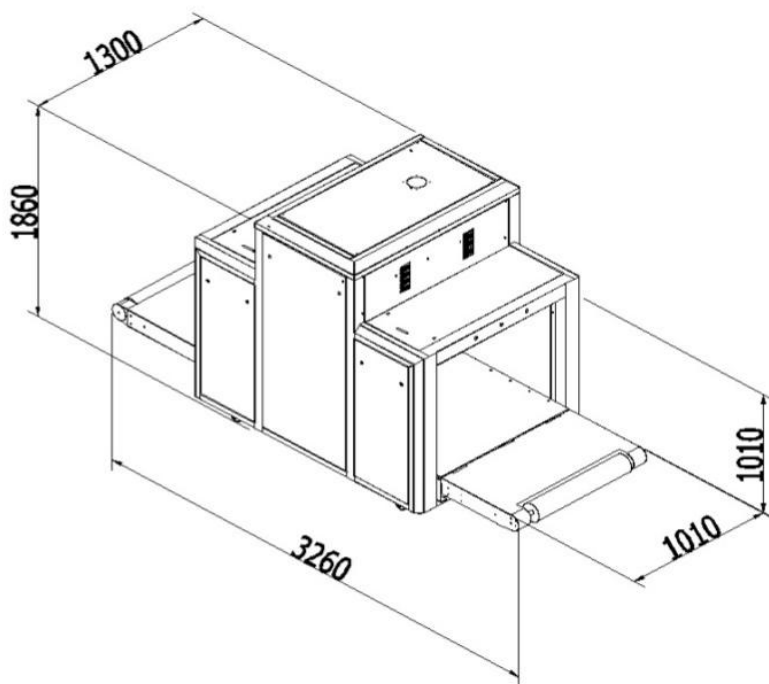
## X-ray Generator

- Generate Direct: Downward
- Generate Angle: 80 degree
- Anode Voltage: 100-160Kv(adjustable)
- Anode Power: 0.4 to 1.2mA( adjustable)
- Cooling / Duty Cycle: Oil Cooling /100%

## Image System

- X-ray Sensor: L-Shaped Photodiode Array (Dual-energy), 12bit Deep.
- Monitor: 19 inch high resolution colorful LCD.
- Image Grey Level: 4096.
- Image Max Resolution: 1024 \* 1280 pixel.
- Image Processing: 24bit for processing real time.
- Image Storage: Storage 60000 pictures in real time.
- Zones & Zoom: 1-9 Image regions, 2, 4, 8, 16 Times Enlarge, Whole screen continuous observation
- Objects Distinguish: Organic in orange; inorganic in blue; mixture in green.
- High energy/low energy: two energy alternate display.

## ■ Specifications



Model No.	DSSP100100C
Brand	DAOSAFE
Type	Dual-energy
Color	Deep Blue
Tunnel Size	1010(W)×1010(H)mm
Work Station (Double Screen) Size	152cm(L)×77cm(W)×138cm(H)
Gross Weight	1100kg
Conveyor Speed	0.22m/s
Conveyor Max Load	200kg belt
Dose per Inspection	less than 1.0μGy/h
Wire Resolution	0.0787mm Copper Wire
Spatial Resolution	Level: dia1.0mm, Vertical: dia1.0mm
Penetration	43mm Steel
Film Safety	Guarantee ISO1600 Film
X ray Leakage	less than 0.2μGy/h
Monitor	Philip high resolution 19inch color LCD display
Operation Temperature/Humidity	0°C-45°C/20%-95%(non-condensing)
Storage Temperature/Humidity	-20°C-60°C/20%-95%(non-condensing )
Operation Power	220VAC(±10%)50±3Hz
Power Consumption	1.0KW(max)



## X-RAY BAGGAGE SCANNER

