

Display: High-resolution 19 inch color LCD display ;
Color quality: 24-Bit real colors based on materials

Color material identification:
Organic objects in orange,
inorganic objects in blue, mixture
in green

Assist to detect drug and
explosive powder



Super image enhancement:
Image detail is more
distinct

Brightening/dimming:
Increase/Decrease
brightness of image

Multi-energy: High/low
energy: Switch from high
energy to low energy

GENERAL SPECIFICATIONS:

- Tunnel Size : 1000(W) ×800(H) mm
- Conveyor Speed: 0.22m/s
- Conveyor Max Load: 230 kg
- Single inspection dosage: < 1.5μGy
- Leakage radiation: <0.2μGy/h
- Wire Resolution: 40AWG
- Steel Penetration: 38mm
- Film Safety: For ISO 1600

X-RAY GENERATOR

- 1.Orientation: Downward;
2. Tube Current: 0.4~1.2MA (adjustable) ;
3. Anode voltage: 100-160KV;
4. X-ray divergence angle: 80 °;
5. Cooling: Sealed oil bath with forced air;
6. Generator cooling/working periods:
Sealed oil bath with forced air/100%.

SPECIAL FEATURES

Network interface: Capable of connecting to LAN, and support multi-terminal check for baggage at same time;

Safety ray: Ray is transmitted under automatic control, avoiding the error;
One-key shutdown control: Just rotate the key to shut down the machine;
it is safety, easy and convenient;

Eagle eye: Capable of expediently observing the magnifying area

Self-diagnosis function: Give message automatically if malfunction for prompt maintenance.



OPERATING ENVIRONMENT :

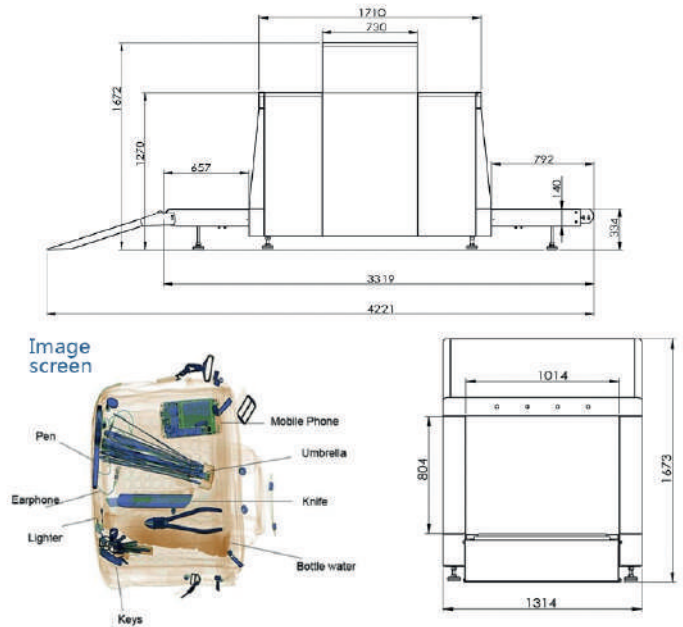
- ◆ Storage Temperature: -20°C to 60°C
- ◆ Operating Temperature: 0°C to 45°C
- ◆ Relative Humidity: 20 to 95% non-condensing
- ◆ System Power: 220 VAC (±10%) 50±3HZ
- ◆ Power wastage: 1.0 KW (Max)
- ◆ Noise <58DB
- ◆ X-RAY Sensor: L-shaped array detector, 24bit

IMAGE PERFORMANCE SYSTEM

- A:** Display: High-resolution 19 inch color LCD display ;
- B:** Color quality: 24-Bit real colors based on materials ;
- C:** Color management architectures---Different color, different matter ;
- D:** High penetration display: Increase the contrast of bright area in image to make the area that is easy to penetrate appear more clearly;
- E:** Low penetration display: Increase the contrast of dark area in image to make the area that is difficult to penetrate appear more clearly.
- F:** Edge enhancement---The edge of image is more clear ;
- H:** High penetration---Make the image more through, for look every goods in one image ;
- I:** Zoom in/zoom out---Make the image bigger ,make the image smaller ;
- J:** Display the previous twenty images and process any one of them ; Restore image to initial status;
- K:** Brighter/darker---Make image more bright /make image darker ;
- L:** Replay---Playback all images on the screen at current , be able to do the next steps ;

APPLICATION AND CERTIFICATIONS

- Used for scenic spots, gymnasium, expo centre, left- baggage counter, supermarket, hotel ,court, prison..etc;
- Machine parts safeguard measures;
- High performance network function;
- Chinese ministry of public security testing;
- EU CE Certification;
- ISO9001 Certification;
- ISO14001 Environmental Management;
- Radiation safety certification from China Government;

DIMENSION DRAWING:

WDS10080 X-ray safety detection equipment can display pseudo color and black and white images, with simple and efficient operation, with reasonable human design. We provide a fully intelligent and secure inspection system for our customers.

ACCESSORIES :

X-Ray generator
Brand: KV Tech (Beijing)



Detection board
Brand: DT (Finland)



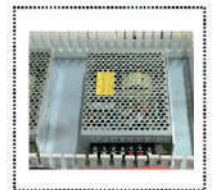
Automatic inverters
Brand: Emerson in USA



19 inch *2 Monitor
Brand: Philips



Roller
Brand: NSK(Japan)



Power supply
Brand: Meanwell

