

Usage/Application	airport, railway systems, military base, government facilities, commercial facilities etc.
Technology Features	Dual view design
<b>General Parameters</b>	
Model Number	6550D
Tunnel Size Conveyor	650 mm (Width) * 500 mm (Height)
Conveyor Speed	0.22/ sec
Conveyor Max Load	200 kg (Evenly distributed)
Conveyor height	350 mm or 630 mm
Wire Resolution	32AWG $\Phi$ 0.202mm solid copper wire
Pass resolution	Typical AWG43
Spatial Resolution	Level: dia 1.0 mm Vertical: dia 1.0 mm
Penetration Through Steel Plate	43mm
Dose per Inspection	Less than 2.0 uGy/h
Film Safety	Guaranteed ISO 1600 Film
X-ray Leakage	Less than 1 uGy/h at 5cm from frame house
*With continued R&D, MCD reserves the right to amend specifications without notice.	
<b>X-ray Generator</b>	
Generator Direction	Upward and sideward
Generator Angle	80 degrees downward
Anode Voltage	140 KV
Anode Power	0.3 mA
Sensor quantity	2 Generator
Cooling	Oil cooling 100%
<b>Image System</b>	
X-ray Sensor	L-shaped photo diode array (mono energetic), 16bit depth
Monitor	High resolution color, LCD compatible, 19inch(can be customize)
Image Processing	Edge enhancement, image enhancement, image lighting, reduction of darkening, image reversion, image rewind.
Image Grayness Level	4096
Objects distinguish	Organic in orange Inorganic in blue Mixture in green
High-energy/low energy	Switch from high energy to low energy
Image Maximum Resolution	1440*900 pixels (can be customize)
Image Processing	24bit real time processing in real time
Image Storage	500,000 images in real time
Other Functions	Fault diagnosis, system time setting, detection blind dots delete, X-ray source setting (analog or digital ), alarm

	setting, image setting, software register, user management, date setting (machine working time , X-ray source working time, baggage counter etc.)
Network interface	YES
Energy saving function	YES
<b>Installation Data</b>	
Operating Environment / Humidity	0 to 45 Degree C / 20 - 95% (non-condensing)
Storage Temperature / Humidity	-20 to 60 Degree C / 20 ~ 95% (non-condensing)
Operating Power	220VAC (± 10%) 50 ± 3Hz
Power Consumption	1.0 KW (max), 0.3KW (working)
System Noise	<55 dB
<b>Optional Features</b>	
<b>camera video system</b> ,TIP Threat Image Projection,X-Auto sight(Threat self identification assistant function) etc.	
<b>Package Size</b>	
Unit Net Weight	500 Kgs
Unit Gross Weight	650 Kgs
Wooden size	250 (L) x 125 (W) x 142 (H) (X-ray baggage scanner machine body) 133 (L) x 120 (W) x 75 (H) (dual screen operation desk)
Total CBM	5.7 CBM

