

Usage/Application	Hotel, bank, Mail rooms, entrance halls, prisons , schools and Government Office etc.
Certification	CE and ISO
<b>General Parameters</b>	
Tunnel Size Conveyor	500 mm (Width) * 300 mm (Height))
Product Dimension	1670*820*1201 mm
Conveyor Speed	0.22/ sec
Conveyor Max Load	100 kg (Evenly distributed)
Pass Rate	720 - 1500 piece/hour
Wire Resolution	Typical 40 AWG
Pass resolution	Typical AWG34
Spatial Resolution	Level: dia 1.0 mm Vertical: dia 1.0 mm
Penetration Through Steel Plate	38 mm
Dose per Inspection	Less than 1.5 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	From top to bottom
Generator Angle	80 degrees downward
Anode Voltage	140KV
Anode Power	0.3 mA
Sensor quantity	single generator
Cooling	Oil cooling 100%
<b>Image System</b>	
X-ray Sensor	L-shaped photo diode array (multi-energetic), 16bit depth
Monitor	High resolution color, LCD compatible, 19inch
Image Processing	Edge enhancement, image enhancement, image lighting, reduction of darkening, image reversion, image rewind.
Image Grayness Level	4096
Image Maximum Resolution	1440*900 pixels
Image Processing	24bit real time processing in real time
Image Storage	500,000 images in real time
Zone & Zoom	1-9 image zones, enlargement of 2, 4, 8, 16 times, fully screen continuous observation.
Objects distinguish	Organic in orange  Inorganic in blue  Mixture in green
Other Functions	Fault diagnosis, system time setting, detection blind dots

	delete, X-ray source setting (analoge 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
<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>Package Size</b>	
Unit Net Weight	190 Kgs
Unit Gross Weight	240 KG
Wooden size	162*85*132 cm
CBM	1.82 CBM

