



MAXIMUS GLOBAL TECHNOLOGY doo.

22330 NOVA PAZOVA, CARA DUŠANA 150, MAT BR:20927887 ,
PIB: 108080054 ,MOB: 062/42-15-15 , WEB: www.maximus-secure.com



Intelligent Color Images Conveyor X-Ray Luggage Scanner Model MGT – 100100





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TECHNICAL DATA:

Tunnel Size: 1000(W)×1000(H)mm
 Conveyor Speed: 0.22 m/s
 Conveyor Max Load: 200 kg
 Single inspection dosage: < 1.5μGy
 Wire Resolution: 0.1mm metal line
 Steel Penetration: 30MM armor plate
 Film Safety: For ISO 1600
 Maximum leakage radiation: <0.3μGY/H

X-RAY GENERATOR:

Orientation: Vertically Upward
 Tube Current: 0.4~1.2MA(adjustable)
 Anode Voltage: 100~160 KV(adjustable)
 Angle: 80°
 Generator cooling/working periods: Sealed oil bath with forced air/100%

IMAGE PERFORMANCE SYSTEM:

X-RAY SENSOR: L TYPE PHOTO-DIODE ARRAY DETECTOR, 12BIT
 MONITOR: HIGH RESOLUTION 17INCH COLOR LCD DISPLAY
 COLOR QUALITY: 24 BIT REAL COLORS
 EDGE ENHANCEMENT: OBJECT CONTOUR EDGE IS MORE DISTINCT
 SUPER IMAGE ENHANCEMENT: IMAGE DETAIL IS MORE DISTINCT
 HIGH PENETRATE STRENGTH DISPLAY: INCREASE BRIGHTNESS OF DARK AREA IN IMAGE TO DISPLAY OBJECT WHICH IS BEHIND HIGH ABSORPTIVITY MASS DISTINCTLY
 LOW PENETRATE STRENGTH DISPLAY: INCREASE CONTRAST OF LOW ABSORPTIVITY MASS (EASY TO PENETRATE) TO DISPLAY IT DISTINCTLY
 MAGNIFIER: FUNCTION OF PARTIAL ENLARGEMENT
 BRIGHTENING/DIMMING: INCREASE BRIGHTNESS OF IMAGE/DECREASE BRICHTNESS OF IMAGE
 IMAGE RECURRENCE: DISPLAY PREVIOUS TWENTY IMAGES AND PROCESS ANY ONE OF THEM
 IMAGE RESTORATION:RESTORE IMAGE TO INITIAL STATUS AT THE TIME OF STOPPING CONVEYOR
 IMAGE STORING: REAL TIME STORE ANY IMAGE AND PROCESS IT IN OPERATION STATUS

MULTI-ENERGY FUNCTION:





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MULTI-ENERGY COLOR: DISPLAY ORGANIC MATERIAL FOR ORANGE, DISPLAY INORGANIC MATERIAL FOR BLUE, AND DISPLAY MIXTURE FOR GREEN
HIGH ENERGY/LOW ENERGY: SWITCH TO DISPLAY TWO ENERGY TYPE, HIGH ENERGY STANDS FOR METAL ETC., LOW ENERGY STANDS FOR NONMETALLIC
AUXILIARY FUNCTION FOR DRUGS & EXPLOSIVES: HELP TO DETECT SUCH DANGEROUS MATERIAL AS DRUGS & EXPLOSIVES ETC.
AUDIBLE & VISIBLE ALARM: GIVE SOUND AND VISIBLE SIGNAL WHEN CONFORMING TO CONDITION

OPERATING ENVIRONMENT:

Storage Temperature: -20oC to 60oC
Operating Temperature: 0oC to 45oC
Relative Humidity: 20 to 95% non-condensing
System Power: 220 VAC (±10%) 50±3HZ
Power wastage: 1.0 KW (Max)
Noise: <65DB

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