



ELECTRIM CONTROL SYSTEMS

Detelec 10080

FEATURES

- Multi energy
- Safe and stable hardware platform
- High speed data acquisition and transmission
- Meeting civil aviation function requirements
- Automatic conveyor On/Off function
- Large image storage capacity
- Free software upgrading
- Quick shutdown
- Incorporated CCTV video monitor system (Optional)
- Distortion auto correction
- Multi-display joint terminals and remote terminal display
- Ultra thin object detection
- Remote (GPRS) diagnosis and reporting
- Multi level user management
- U.S Spellman X-ray generator



Specifications		Performance Index	
Tunnel Size	1010mm (W) * 805mm (H)	Sensor Resolution	1.58mm (0.78mm for 10080 HR Model)
Conveyor Speed	0.2 m/s; up to 0.3m/s	Line Resolution	0.0787 mm Metal Wire (typical) 0.101 mm Metal Wire(applied)
Max. Load	200Kg(Evenly Distributed)	Penetration	34mm Steel
System Noise	<60dB	Dose Per Inspection	<2 µGy
		A/D Resolution	16 Bits
		Image Resolution	1280x1024/24 Bits

Image Processing			
Image Processing	<ul style="list-style-type: none"> ● Pseudo Color /Black & White ● Super Enhancement ● High Density Alarm 	<ul style="list-style-type: none"> ● Negative ● Hi-Spot ● Multi-energy 	<ul style="list-style-type: none"> ● Edge Enhancement ● Gray Level Scanning ● Organic / inorganic Objects Strip
Zoom	● Any region, 1-32 times, dynamic smooth magnification,stepless		
Double-screen Display	Three Double-screen Display Modes: ● Double-screen Jointed Image Display ● Color + Black & White Display ● Double-screen Copy Display		
Image Recall	● Image Recall 20 Screens		
Material Distinguish	<ul style="list-style-type: none"> ● Organic Material: Orange ● Light Metal and Mixture: Green 	<ul style="list-style-type: none"> ● Inorganic Material: Blue ● High Density Material: Black or Red 	
Image Storage	<ul style="list-style-type: none"> ● 100000 Images ● Image Export 	<ul style="list-style-type: none"> ● Image Search Function ● Image Batch Conversion(to .jpg) 	
Additional Features	<ul style="list-style-type: none"> ● Customized Shortcuts ● Multi-level User Management ● Date/Time Display ● System Work Time Counter, X-Ray Work Time Counter 	<ul style="list-style-type: none"> ● Image Retrieval ● User Report Management ● TIP(optional) ● Video Monitoring System(optional) 	<ul style="list-style-type: none"> ● Packages Counter ● Continuous Scanning ● Self-diagnosis ● Quick Shutdown
Display	● High Resolution 19" LCD		

X-ray Generator		Working Environment	
X-ray Direction	Upward	Storage Temperature Humidity	Relative Temperature/Humidity -20℃~+50℃ / 10%~95%(Non-Condensing)
Tube Voltage	100-160kV (Adjustable)	Work Temperature Humidity	Relative Temperature/Humidity 0℃~+45℃ / 10%~95%(Non-Condensing)
Tube Current	0.3~1.0mA (Adjustable)	Work Voltage	AC 220V(-15%~+10%), 50Hz±3Hz
Cooling / Duty Cycle	Sealed Oil Cooling/100%	Max Power	1.4kVA
Beam Launch Angle	80°		

Detelec 100100

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- Free software upgrading
- Quick shutdown
- Incorporated CCTV video monitor system (Optional)
- Distortion auto correction
- Multi-display joint terminals and remote terminal display
- Ultra thin object detection
- Remote (GPRS) diagnosis and reporting
- Multi level user management
- U.S Spellman X-ray generator



Specifications		Performance Index	
Tunnel Size	1010mm (W) * 1010mm (H)	Sensor Resolution	1.58mm (0.78mm for 100100 HR Model)
Conveyor Speed	0.2 m/s; up to 0.3m/s	Line Resolution	0.0787 mm Metal Wire (typical) 0.101 mm Metal Wire(applied)
Max. Load	200Kg(Evenly Distributed)	Penetration	34mm Steel
System Noise	<60dB	Dose Per Inspection	<2 µGy
		A/D Resolution	16 Bits
		Image Resolution	1280x1024/24 Bits

Image Processing			
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Tube Current	0.3-1.0mA (Adjustable)	Work Voltage	AC 220V(-15%~+10%), 50Hz ± 3Hz
Cooling / Duty Cycle	Sealed Oil Cooling/100%	Max Power	1.5kVA
Beam Launch Angle	80°		