



Unicomp DR

UNL type X-ray intelligent testing equipment is a special testing equipment for automobile tires independently developed by Unicomp. Mainly used in automobile tire defect detection (tire internal foreign objects, parts do not meet requirements (missing or more), Radial cords(including open splices), cord fold, distortion, splices overlap,layer difference beyond standard,blisters or separation, radial cord or bead cord cross and other defects, can be configured Unicomp ADR defect automatic identification module,it is an efficient on-line automatic testing equipment.

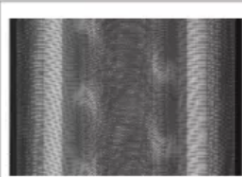
Functions and Feature



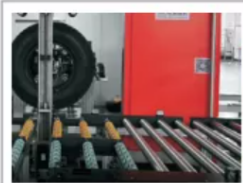
1 Fully automatic intelligence, high stability:
Configurable ADR defect recognition, 24h operation,Low failure rate;



2 High Safety:
High level of protection, radiation meets International standards,configure with multipl safety protection;

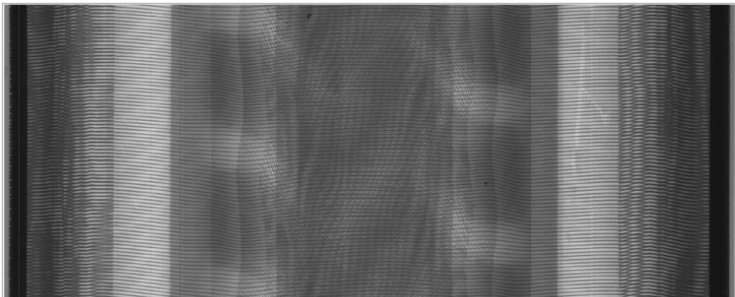


3 HD image processing:
Tire special X-ray imaging system with the best image conditions for imaging HD;



4 High Productivity:
Linked directly to the production line with high efficient CNC inline inspection;

Inspection Image



Parameter

System Summary	
Footprint	3300*2900*2700mm
Machine Weight	6000KG
Radiation Dose	< 1μSv/h
Power Supply	380AC/50Hz
Power Consumption	9 kW
X-Ray Tube	
X-ray tube type	Seperated
Focal Spot Size	0.4
Voltage	120kV
Power	480W
Imaging Detector	
Detector	U Type Line Array
Pixel Size	500μm
Pixel Number	2560
Integration Time	400μs
Motion Control System	
Motion control mode	Manual&Automatic
Maximum loading weight	60KG
Inspection Mode	Inline DR
Inspection range	13-26 Inches
Software system	
Integrated ADR Recognition Software	Customised quality standards
Multiple Image Algorithms	Enhancement, Filtering, Augmentation, Superposition, etc
Multiple measuring tools	Distance, Angle, Diameter, Area, etc
Multiple inspection modes	CNC automatic inspection, Teaching, Manually inspection
Others	
Tires Type Identification	Automatic Visual Recognition
Radiation Dose	≤1μSv/h
Console	Independent Console
Bar Code Scanning	Automatically & Combined with X-ray Image
*Specifications are subject to change without notice, All trademarks are the property of the system maker.	

Footprint

