

UNICOMP : UNI160-Y2-D9

Wheel Hub In-line NDT Real-time Imaging X-ray Detector



Model : UNI160-Y2-D9

เหมาะสำหรับ : การตรวจสอบหารอยพรุน, รุ้ว, ฟองอากาศ, รอยแตก-หัก-บิ่น และข้อบกพร่องต่างๆ ใน ล้อรถ, ชิ้นส่วน, อุปกรณ์ยานยนต์ เป็นต้น

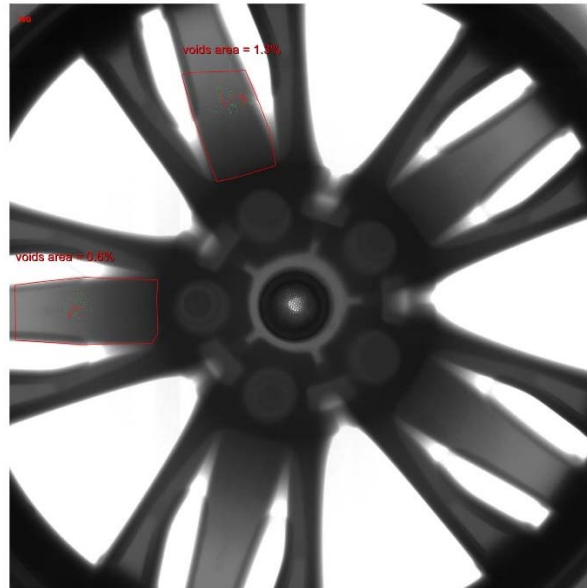
Features

1. Covers a wide range of parts inspection.
2. Multipurpose, high resolution.
3. High availability system.
4. Excellent quality of detection image.
5. Safety operation of equipment.
6. Flexibility tooling and fixture.
7. Easy to operate, user-friendly software design.
8. Customized to provide solutions.
9. After-sales service of the entire network.
10. Low cost of testing services.

Detection Image



Wheel hub

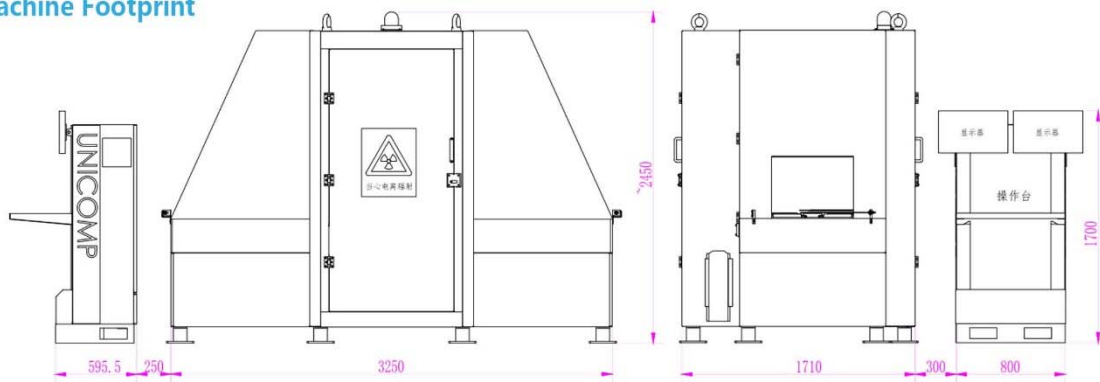


Specification

System Parameters	Dimensions	3250mm*1710mm*2450mm (L*W*H)
	Equipment weight	18.65T
	Power	9KW
	Work	In-line continuous
	Detection Area	13''-22'' Aluminum alloy wheel hub
	Detection Speed	45s/pcs(18'')wheel
	Work environment	5-40° ≤80%HR
	Power supply	Three-phase five wire system AC380V
	X-ray leakage dose rate	≤1uSv/h
X-ray Generator	Tube voltage	160kV/225kV
	Power	480W/1800W
	Focal size	0.5mm/1.0mm
Imaging system	System resolution rate	2.8LP/mm
	System sensitivity	1-1.8%

Software Functions	Image processing	Brightness and contrast adjustment; stacking frames; window width and level adjustment; image enhancement, filtering, sharpening, invert, relief and bubble measure; move, zoom in, zoom out; display image scaling; display the current mouse pointer image coordinate and the gray value
	Image measurement	Distance, radius, polygon, angle measurement; arrows and text labels; save the processed image;
	Others	Setting the camera rotating screen; exposure time; static, dynamic image display and save, video display and save
Additional Function	Automatic identification of the wheel hub , automatic calculation of the bubble;	
	Wheel clamping synchronous drive to make sure the precise control.	
	Intelligent algorithm with X-Ray source and the flat panel walking swing angle.	
	New wheel hub test has teaching function, manual setting, automatic save functions	
	Automatic wheel hub and software self matching	
	Mechanical modular design and compatible with 160KV/225KV X-ray source with 9 inch tablet intensifier and installation	
	Automatic calculate the bubble of the wheel hub, set aside the output interface of the automatic sorting	
Set aside industrial cloud interface, data and pictures in real time upload, with traceability and large data analysis function (Optional)		

Machine Footprint



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