

UNICOMP : RY-80

เครื่อง X-Ray อาหาร/พืช

Crop In-line NDT Real-time Imaging X-ray Detector



Model : RY-80

เหมาะสำหรับ : การตรวจสอบอาหาร, พืช, ผลผลิตทางการเกษตร, ดอกไม้ 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.

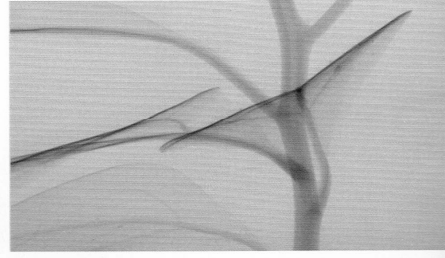
Specification

System Parameters	Dimensions	2200mm*1800mm*2100mm (L*W*H)
	Equipment weight	2.5T
	Power	4KW
	Detection range	Φ300*400mm
	Detection Speed	45s/pcs
	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	80kV
	Power	40W
	Focal size	5μm
Detector	Image area	105mm x 65mm
	Pixel matrix	1536mm x 864mm
	Pixel size	25μm
	Frame rate	60 fps
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	In-line crop X-ray real time imaging detection system	

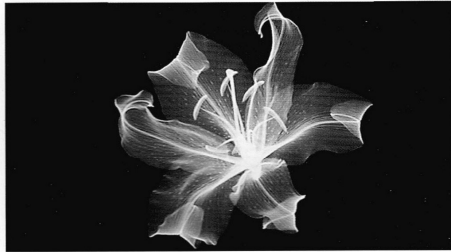
Detection Image



Wheat kernel



Plant root system



Vegetable



Fruit

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