

X-7900 UPKTECH - X Ray Inspection Machine

I. Description:

X-7900 electronic semiconductor testing equipment can be used to detect integrated circuit chip semiconductors, such as BGA, IGBT, flip chip and PCBA component welding, high-precision testing in LED, photovoltaic, radiator and other industries;

Widely used in industrial manufacturing fields, such as automotive parts, casting testing, pressure vessel and pipeline welding quality testing, and new material analysis;

It can detect defects in various types of batteries, such as power batteries, cylinders, flexible packaging, square cases and laminates, etc.



II. Features:

1. Multifunctional composite

With the rapid development of imaging technology, the new generation of x-ray inspection machines can no longer only realize simple imaging functions. Today, they have a variety of combined functions such as perspective, analysis and automatic operation. The new generation of x-ray inspection machines can realize post-observation, eliminate static blind photography defects through fluorescent inspection, quickly locate defective parts, and realize accurate diagnosis; the new generation of x-ray inspection machines have visual radiation photography functions. In radiation photography inspection, the imaging format is relatively large, and product defects in different parts can be viewed uninterruptedly.

2. Cost-effectiveness detection

With the vigorous development of small and medium-sized x-ray inspection machine enterprises in my country, we must consider every penny of the budget when purchasing x-ray inspection machines. In the case of high prices for imported x-ray inspection machines, it is a good idea to purchase domestic x-ray inspection machines. Ruimao Optics can not only guarantee the quality of x-ray inspection machine products, but also meet the cost-effectiveness of products.

III. Application:

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| 1.Semiconductor packaging | 2.Radiation |
| 3.Lithium batter | 4.Car sensor |
| 5.PCB | 6.MINI LED Package |

IV Specifications

	Model	X-7900-S	X-7900
Tube	Type	Closed	
	Spatial resolution	5μm	3μm
	Tube voltage	90KV	100KV(110KV, 130KV optional)
	Tube current	200uA	200uA
Tablet	Image acquisition method	flat panel digital imaging	
	Imaging accuracy	76μm	
	A/D density value	16bit(65536)	
	Resolution	1648*1644px	
	Capture frame rate	30(FPS)	
System	Magnification	450X/2250X	
	Operating system	WINDOWS10	
	Power	AC110-220V50-60HZ 1200W	
	Radiation safety test	<1 uSV/H	
Structure	Plate rotation angle	60°	
	360°rotating platform	Diameter 420mm	
	Stage size	540*540mm	
	Detection range	510*510mm	
	Stage load capacity	≤10kg	
	Machine Dimension	1100*1360*1950mm(L*W*H)	
	Machine size (including monitor)	1400*2010*2300mm(L*W*H)	
	Machine weight	1050kg	
	Platform movement method	Automatic /Manual	
Safety	CE certification	YES:B-S191126500	
	State exemptions	YES	
	Radiation Safety License	YES	
Option	Tablet	China Brand or Korea Brand	
	Tube voltage	100KV(110KV, 130KV optional)	

V. Detection Case:

