

UPKTECH XC-3100 Offline X-Ray Counting System

I. Description:

XC-3100 is mainly used for rapid counting of reel-type materials in the SMT industry. It can count all types of materials such as 7-15-inch Tape Reel/JEDEC Tray/IC moisture-sensitive packages. The material types include

all resistance-capacitance materials and IC materials.

Use X-ray imaging technology to detect production materials and obtain image information for rapid counting, and connect equipment data information with the customer's MES system.



II. Features:

Simultaneous counting of different trays, simultaneous imaging, automatic numbering /counting

Reduce the number of processes, shorter the process route, and improve efficiency

III. Specifications:

Tube	Model	XC-3100
	Tube type	Closed shut pipe
	Spatial resolution	30μm
	Tube voltage	50KV (actual 80KV, limit 50KV)
	Tube current	1000μA
Tablet	Image acquisition method	Flat-panel digital imaging
	Imaging accuracy	139μm
	Image size	430*430mm
	Resolution	3072*3072px
	Pixel accuracy	≤2μm
Camera	Imaging speed	5 EDS/s
	Code reading pixels	20 million inches

Tablet	Misjudgment rate	≤0.01% (0201 for example)
	Accuracy	99.99% (0201 for example)
	Minimum part size detectable	Imperial 1005
	Order record keeping	Save by day,no capacity limit,TXT.CSV.XLS
	Operating system	WINDOWS 10
	Power supply/power	AC110-220V 50-60HZ 1200W
	Radiation safety test	<1uSV/H
	Repeatability testing	≥2.0sigma
	Cycle time	≤10s/time
Structure	Counting speed	6-10 S/4 reels (CHIP 0201)
	Maximum disc diameter detectable	415mm (4-15INCH)
	Maximum height of checkable material tray	1-80mm
	Maximum weight of detectable reels	≤10kg
	Machine size	730*1460*1960mm(L*W*H)
	Machine size (Including printer)	950*1460*1960mm(L*W*H)
	Machine weight	450kg