



## XC2000

Xc2000 is an automatic inline counting machine. It uses the X-Ray fluorescence principle and the independently developed algorithm software with AI function, which can quickly and accurately calculate the material quantities in the reel, it can also upload MES data and automatically print the material labels. It has the functions of automatic code scanning, labeling, and automatic sorting failure, and can automatically load and unload materials to improve work efficiency and save manpower.

### Product Features

- ▶ About 200 reels of materials can be placed at one time
- ▶ 31 million pixel camera automatically scans barcode information and label position
- ▶ 8~12 seconds/reel counting speed
- ▶ TSC industrial printer automatically prints and labels
- ▶ Connect with MES/ERP/WMS and other system data, and exchange data in real time
- ▶ With automatic loading/unloading function.
- ▶ Compared with traditional counting/pointing machine, there is no need to unpack or transfer the reel.
- ▶ Suitable for all types of chip components, SMD components above 01005.
- ▶ Accuracy of counting reaches more than 99.99%.
- ▶ Measurable reel diameter is 7-15 inches.
- ▶ Innovative detection environment and algorithm with AI function.
- ▶ With automatic sorting of defective products.
- ▶ With automatic printing and attaching material labels.

### Product Parameters

Model No		XC2000
X-Ray Tube	X-Ray Tube Type	Reflective sealed micro-focus X-ray source
	Tube Voltage	30-80KV
	Tube Current	200-700μA
	Maximum Output Power	56W
	Micro Focus Size	30~40μm
Flat Panel Detector	Flat Panel Type	Amorphous silicon flat panel detector
	Pixel Matrix	3072x3072
	Field of View	427mmx427mm
	Resolution	3.6Lp/mm
	Image Frame Rate (1x1)	6fps
	AD Conversion Digits	16bits
Equipment Specifications	Reel Diameter	7"-15" Tape Reel
	Reel Height	<80mm
	Minimum Component	01005
	System Docking	MES/ERP/WMS
	Input Power	220V 10A 50-60HZ
	Operation System	Win10 optional 64 bits
	Dimensions	L3100mmxW1600mmxH2100mm
	Net Weight	About 2200KG