

XC2000 (High Speed Version)

X-Ray High Speed Inline Counting Machine

XC2000 (high-speed version) is a high-speed inline automatic counting machine with innovative self-developed AI intelligent counting algorithm software, a counting speed of 8-9 seconds/tray, and a turntable with four working positions to achieve automatic loading, code reading, counting, labeling, review and unloading at high speed. It is designed for the electronics manufacturing industry to help SMT smart warehousing realize fully automatic material counting, which can greatly improve work efficiency and save manpower investment.

Product Features

Counting Speed: 8~9 seconds/reel, high-speed counting greatly reduces counting time and saves manpower investment

Automatic and Accurate Counting: AI intelligent counting algorithm software, fast and accurate counting, counting accuracy up to 99.99%

Global Material Database: About 120,000 kinds of material information have been collected, and the cloud collects new material types and image data from around the world, and regularly updates the AI model for material selection every week.

Multiple Loading Methods: support material trucks, AGV fully automatic loading

Automatic Loading and Unloading: Supports 7~15 inch reels, suitable for all kinds of SMD components, SMD devices above 01005

New Four-station Design: Four-station turntable with automatic sorting of defective products

Automatic Labeling: Automatic label printing, automatic labeling and label review and inspection

Data Statistics Output: Can be connected with MES/ERP/WMS and other systems to interact with material data in real time

Transcoding Function: Can automatically generate customer labels based on the matching rules of the code reading results

Technical Advantages

Closely integrated with SMT smart warehousing



Product Parameters

Model No		XC2000(B)
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	33μm
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)	1fps
	AD Conversion Digits	16bits
Equipment Specifications	Reel Diameter	7"-15" Tape Reel
	Reel Height	8-80mm
	Minimum Component	01005
	System Docking	MES/ERP/WMS
	Input Power	220V 10A 50-60HZ
	Operation System	Industrial Computer WIN10 64 bit
	Dimensions	L1894xW1864xH2100mm
	Net Weight	2200KG