XC2000

X-Ray Inline Automatic Counting Machine

XC2000 is an inline automatic counting machine with innovative self-developed AI intelligent counting algorithm software, a counting speed of 12~15 seconds/reel, accurate calculation of the number of materials in the reel, and support for a variety of feeding methods such as fully automatic or manual. The equipment can automatically read codes, label, and review, helping SMT smart warehousing to achieve fully automatic material inventory, improve work efficiency, and save manpower investment.

Product Features

Multiple Loading Methods: Support material truck, AGV automatic loading or manual loading

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

Counting Time: 12~15 seconds/reel, greatly reducing counting time and eliminating unnecessary manpower

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.

Automatic Label Printing: automatic label printing, automatic labeling and label review and inspection

Intelligent Operation: With safety protection mechanism, it can effectively ensure safe operation

System Connection: Automatic statistical output of material point data, and real-time interactive data connection with MES/ERP/WMS and other systems

Transcoding Function: Automatically generate customer tags based on the code reading result matching rules

Technical Advantages

Compatible with a variety of loading methods, including trolleys, AGV belts, etc., to meet the various needs of customers.

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	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 / 60-80mm (Manual Counting)
	Minimum Component	01005
	System Docking	MES/ERP/WMS
	Input Power	220V 10A 50-60HZ
	Operation System	Industrial Computer WIN10 64 bit
	Dimensions	L3100mmxW1600mmxH2100mm
	Net Weight	2200KG