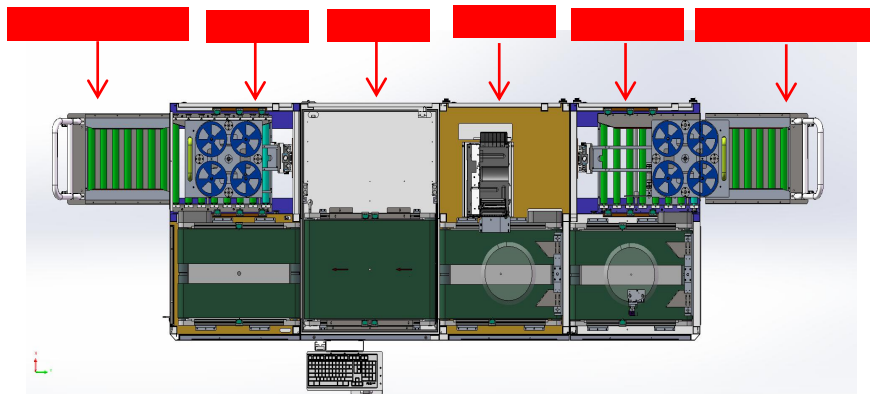# UPKTECH XC-3100 Inline X-Ray Counting System

I. Description:

INLINE XC-3100 is mainly used for rapid counting of reel materials in the SMT industry.

You can order a full range of materials such as 7-15 inch Tape Reel/JEDEC Tray/IC moisture sensitive bags. The material types include all resistance and capacitance materials and IC materials. X-ray imaging technology is used to fully automatically detect production materials, obtain image information for rapid counting, and connect and save the data with the system.
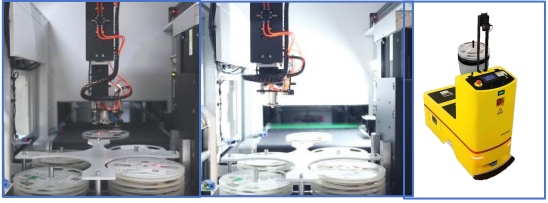

II. Ordering Flow Chart：

III. Features:

Automatic loading	Automatic pointing and analysis

UPKTECH

UPKTECH TECHNOLOGY LIMITED
2nd Floor, Building 2, No. 5, 8th Road, Songgang Street, Bao'an District,
Shenzhen, Guangdong
Tel: +86 138 2525 8612   Postcode: 518105

The materials are put into the loading cart, push the cart into the corresponding position, grab the material tray and put it on the conveyor belt	Send to the loading position，close the warehouse door，tablet automatically takes photos，automatic analysis，points，after successful points，the computer automatically turns off the ray，the quantity of material trays is unloaded to the customer server.Generate new information barcode for tray.

Automatic transcoding	Automatic unloading
The function of automatically generating unique codes and automatically printing unique codes can automatically generate unique codes based on customer incoming material labels.	After the ordering is completed, the material tray is discharged from the warehouse. The material tray flows out through the conveyor belt. Take a photo to position it. The new barcode is affixed to the corresponding position with the gripper. After pasting, the new barcode is photographed and positioned. The gripper puts the material tray into the material cart to complete the ordering of materials.

Ⅳ. Specifications：

Tube	Model	XC-3100-INLINE
	Tube type	Closed shut pipe
	Spatial resolution	30μm
	Tube voltage	50KV (actual 80KV,limit 50KV)
	Tube current	1000μA
Tablet	Imaging accuracy	139μm
	Image size	430*430mm
	Resolution	3072*3072px
Camera	Imaging speed	5 EDS/s
	Code reading pixels	20 million inches
Tablet	Accuracy	99.99% (0201 for example)
	Minimum part size detectable	Imperial 1005
	Operation mode	AI intelligent full warning tracking system
	Power supply/power	AC110-220V 50-60HZ 1200W
	Radiation safety test	<1uSV/H
	Repeatability testing	≥2.0sigma
	Cycle time	≤15s/time
Structure	Counting speed	9-15 S/4 reels (CHIP 0201)
	Machine size	3087*1194*1957mm(L*W*H)
	Machine size (Including keyboard)	3087*1488*1957mm(L*W*H)
	Machine weight	1500kg
	Platform movement mode	Fully automatic loading, ordering, labeling and unloading.