



Card Sorting Machine

Card sorting system is designed for sorting cards with different printing and different chip data inside the cards .



LUK-SC6000



LUK-SC5000



INTRODUCTION

During card making process, cards with different printing and chip data inside the cards are often mixed together. These cards need to be separated before delivery.

Lukiot's automatic card sorting machine can sort the cards accurately based on OCR system and contact / contactless IC recognition. The system reads and recognizes both surface and internal information of the card to check if they match in the database, and then determines the current card serial number so as to realize the cards sorting and ranking. Meanwhile, the position and information of missing card can be recognized.

FUNCTION DESCRIPTION

SN	Module Configuration	Function & Parameters	Module Photo	Model No.	
				SC6000	SC5000
1	Input Module	Equipped with 1 removable input magazine and the maximum capacity is up to 500pcs		YES	YES
2	Flipper Module	Equipped with 2sets of flippers to adjust the card orientations so as to realize recognizing and checking the surface and chip information at different card sides.		YES	NO
3	Recognizing Module	2Sets. Recognition module consists of OCR module and contact /contactless IC module which realize reading and recognizing surface and internal information of the card, as well as matching that with the database to confirm the current serial number for the card.		YES	YES
4	Buffer Module	1 set. Buffering the cards that belong to the current sorting range but not belong to the current sorting unit with the function of auto loading/unloading.		YES	NO
5	Card Ranking Module	2 sets of turntables, each set can store 250pcs of cards, 500pcs in total.		YES	YES
6	Checking Module	1set. Checking module consists of OCR module and contact / contactless IC module which realize reading and recognizing both surface and internal information of the cards.		YES	YES
7	Output Module	SC6000: Adopting turntable output structure. Equipped with 2 output magazines (capacity of 500 pcs) for sorted cards with auto-switch function; 1 pos-occupying card magazine&1 reject card magazine SC5000: Standard model can sort upto 12 types of cards. More types of cards can be sorted in two passes or with more tracks on demand.		YES	YES
8	Recycle Box	Recycle cards not belonging to current sorting job with capacity of 50pcs.		YES	YES

TECHNICAL PARAMETER

Model	SC6000	SC5000
Card Supported	ISO ID-1/CR-80 standard cards such as PC、PET、PVC、ABS	
Air Supply	0.6 Mpa	
Operating System	Win 7	
Communication Interface	Ethernet	
Power	220V , 50-60Hz, 5.0kw	220V, 50-60hz, 2.0kw
Machine Size	3.52(L)x0.88(W)x1.92(H)m	2.75(L)x1.05(W)x1.45(H)m
Gross Weight	1500kg	1000kg

KEY FEATURES (Model: SC6000)

- Supported for various smart cards conforming to ISO/IEC 7816 standard
- Load pos-occupying card automatically to ensure continuous card sorting in the case of card missing
- Buffer module can store 2500 pcs with the function of auto-loading and unloading
- Check both surface and internal information of the card by multi checking methods so as to ensure that the surface and internal information match with accurate sorting sequence
- Load unit-driving card automatically to differentiate each sorting unit easily
- High-efficiency double turntables sorting mechanism with high speed and strong stability

KEY FEATURES (Model: SC5000)

- With machine vision system, it can sort the cards with difference face value, color, text, numbers, patterns , etc.
- With card reader, it can sort the cards with different data inside the chips
- The sorting accuracy is ensured with the help of OCR checking and the machine can compare the printed data with the data base to ensure the data accuracy.
- Standard model can sort upto 12 types of cards. More types of cards can be sorted in two passes or with more tracks on demand.
- The surface printing quality can be inspected.