PTE-S5000

Smart Card Sorting & Ranking Machine

High-efficiency Sorting & Ranking Solutions for Any Kind of Smart Card

High Stability | **High Compatibility** | **High Cost-performance Ratio** | **High Flexibility**

PTE-S5000

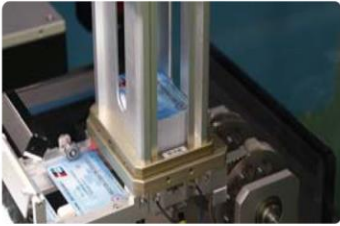## Smart Card Sorting & Ranking Machine

PTE-S5000 Smart Card Sorting and Ranking Machine, applied to various smart cards conforming to ISO/IEC7816 standard , based on OCR system and contact / contactless IC recognition, 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. In the process of production, the reject and missing cards will be replaced by a special pos-occupying card. At the sorting end of each unit, a special unit-dividing card will be inserted.
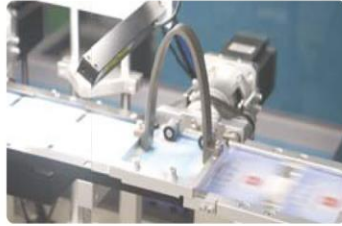
Advantages

▶ Applied 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 2500pcs 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-dividing card automatically to differentiate each sorting unit easily.

▶ High-efficiency double turntables sorting mechanism with high speed and strong stability.
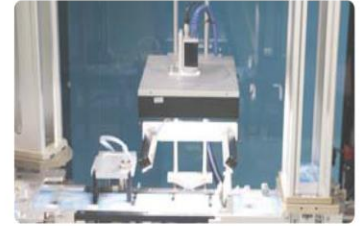
Configurations

Input Module:
· Equipped with 1 removable input magazine and the maximum capacity is up to 500pcs.

Flip Module:
· Equipped with 2 sets of flippers to adjust the card orientations so as to realize recognizing and checking the surface and chip information at different card sides.

Recognizing Module:
· 2 Sets. Recognition module consists of OCR module and contact/contactless IC module which realize reading and recognizing surface & internal information of the card, as well as matching that with the database to confirm the current serial number for the card.
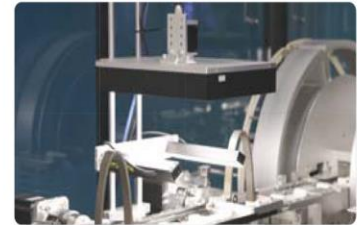

Buffer Module:
· 1 set. Buffering the cards that belong to the current sorting range but not belong to the current sorting unit with the function of auto loading/unloading.

Card Ranking Module:
· 2 sets of turntables, each set can store 250pcs of cards, 500pcs in total.

Checking Module:
· 1 set. Checking module consists of OCR module and contact/contactless IC module which realize reading and recognizing both surface and internal information of the cards.

Technical Specification

Dimension:	3520mm × 880mm × 1920mm	Operation Temperature:	23℃± 3℃
Weight:	1400Kg	Operation Humidity:	50±10%rh
Power Supply:	220V, 50Hz, 5KW	Air Supply:	0.6Mpa
Noise:	<65dB	Communication Interface:	Ethernet
Maxmum Throuput:	5000cph	Application Scope:	Supporting various cards (53.98mm × 85.60mm) conforming to ISO ID-1/CR-80 standard such as PC、PET、PVC、ABS

Partners

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