

# Banknote Sorter

## BS-2100



### Features:

- Process of the banknotes
  - Basic functions: With 1 output pockets, banknotes are sorted automatically through a 2-way sort in a single pass, mix values, verifies and classifies the banknotes simultaneously.
  - Advanced functions: FITNESS quality sorting(FIT/UN-FIT)through a very stable analysis of the banknote state using different sensors and CIS(Contact Image Sensor) of200 dpi,powerful UV, full width mechanical thickness checking.
- Benefits of advanced technology
  - Optical/Visible Array: Analysis by reflection on both side of the banknote and by transmission(resolution of 200 dpi) made in visible and IR that allows a total stability in the fitness sorting of the banknotes.
  - IR sensor: Analysis of the IR pattern through a high resolution
  - CIS.Authentication of the notes.
  - Magnetic sensor: Analysis of strong magnetic pattern and weak magnetic pattern of banknote and metal thread.
  - SN Capture: Capable to capture note serial No.can be printed and stored in memory card.
  - RGB and UV sensors: Checking of the washed banknotes.
  - Mechanical system of thickness checking: The most precise analysis of the quality of the banknotes (tear,adhesive,tape,double detection.)
- User Interface
  - Tactile screen: Large size colour touch screen with a resolution of 640x240 pixels.
  - User's information: Very explicit drawings, completely configurable menu for the user, sub-menus and rapid functions.
  - Communications: RS232, USB, LAN.
  - Storage: SD card

### Specifications:

Process speed: 1200 banknotes /min:

Authenticating, smart, mix-valuing,  
denomination and fitness quality sorting.

Number of Stackers: 1 output pockets+ 1  
reject pocket

Capacity of the stackers: 300 banknotes

Capacity of the Hopper: 500 banknotes

Reject pocket up to 100 banknotes.

Size: 325(H)x280(D)x290(L)mm

Weight: 10kg

Currency type: USD, EURO, GBP, CNY, JPY, THB  
KRW, RUB, INR, IDR, TWO, HKD etc.

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