

SCAN COIN

K500 Bank Note Sorter



The SC K500 Bank Note Sorter is versatile and cost-effective method of sorting and counting bank notes. It is the most compact five pocket sorter currently available and occupies very little desk space.

The machine consists of a hopper, pockets where the corresponding functions are designated (A, B, C and D), and an improper note (counterfeit, damaged, other currency) rejection pocket.

The main application of the SC K500 includes:

1. Auto sorting of contaminated / damaged / perforated / tape-attached banknotes (fitness sorting)
2. Separation of denomination notes by amount (note sorting)
3. Number / amount calculation function for mixed notes (value counting)
4. Simultaneous front / back / left / right separation of banknotes (orientation sorting)
5. Counterfeit detection (UV / IR / MG)

The heavy duty, high productivity unit can process mixed denomination bundles and eliminates the need for pre-sorting. Different denominations are directed to one of four designated pockets with the fifth out sort pocket reserved for forged or badly damaged notes. It can also be used for fitness sorting, separating the notes into ten categories according to their physical condition.

A range of advanced security features identify forgeries. Ultraviolet, infrared and magnetic sensors check and analyse each note. Taped notes are detected and separated and the machine can be used

The unique note recognition system uses imaging processing technology to compares the features on each note with values stored in a database. Notes can be read using the front or the back face and in any orientation.

Authorised operators can input additional bank note information.

The SC K-500 counts at up to 600 notes a minute and has a 600 note capacity. Each pocket has a maximum capacity of 100 notes and the reject pocket accepts up to 30 notes. In addition to the fixed batch stops of 10, 25, 50, 75 and 100 the operator can select any number between 1 and 999.

All count information appears on an LCD screen on the front of the machine and data can be downloaded to a PC for storage and printing via the built in RS232 standard interface. A self-test function for all sensors and motors provides a quick and simple method of checking the operation of the machine and combined with a low maintenance design it is aimed at maximising productivity.

TECHNICAL SPECIFICATION—SC K500

WIDTH	360 mm
DEPTH	415 mm
HEIGHT	575 mm
WEIGHT	32 kg
VOLTAGE	230 V/50 Hz
COUNTING SPEED	600 notes / minute
HOPPER CAPACITY	600 notes
POCKET CAPACITY	Pockets A, B, C and D : 100 notes (individually stacked amounts), Total 400 notes Reject pocket (R) : 50 notes
DISPLAY	Graphic LCD (128 x 128 pixels) module
INPUT DEVICE	16 button keypad

Founded in 1966, SCAN COIN is one of today's leading suppliers of cash processing equipment, system solutions and services. Our worldwide customer base is served through a network of SCAN COIN companies and distribution partners covering some 120 countries. SCAN COIN develops, manufactures and markets equipment and integrated solutions for handling banknotes and coins, and has become a world leader in the automatic cash processing market.



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