

SEETECH ST-150F MIXED BANKNOTE VALORIZER / SORTER 2 POCKETS



SEETECH ST-150F is a compact, flexible and easy to use machine. It can offer an effective solution to the problems of cash management and ATM loading. It has been positively tested at the ECB, successfully passing all the tests to which it was subjected to meet the specific cash processing needs that the ECB itself requires. ECB link with test results:

<https://www.ecb.europa.eu/euro/cashprof/cashhand/recycling/html/tested.it.html>

It performs the following work programs simply and reliably:

- Counting: the ST-150F counts all banknotes inserted manually and checks them.
- Counting by denomination: the banknotes are counted and the first denomination inserted is placed in the main drawer where it is counted and valued, then all the denominations are separated. In the secondary drawer at the end there are the anomalous banknotes, those suspected of being false are inserted in the secondary drawer with acoustic signal and stop of the account
- Valorisation: the banknotes are counted all together and placed in the main drawer where they are counted by quantity and value, at the end of each counted lot the data is recorded in the machine's memory and can be transferred to the PC (LAN) or printed on a printer. In the secondary drawer at the end there are the anomalous banknotes, those suspected of being false are inserted in the secondary drawer with acoustic signal and stop of the counting.
- "Face" orientation: the banknotes are inserted not oriented and with this program they are first placed head with head and then, in a second step, they are oriented.
- Good / worn selection: banknotes are separated according to the conditions of wear, with reference to the provisions of the ECB, both for loading the ATMs and for recycling the banknotes. In this phase, the suspicion of falsity is checked, which is highlighted with an acoustic signal and the selection is stopped. These data are recorded in the machine's memory and can be recorded on the PC (LAN) or printed on a printer according to the requirements of the B.C.E.

Criteria used for the verification of the forgery:

- Graphic acquisition of the banknote image through a double A4 scanner (CIS) both in visible light and in the Infrared (IR) range
- Control of the watermark with visible light sensors and in the infrared range
- Paper quality control with Ultraviolet (UV) sensors - Control of magnetic inks (MG) on the entire surface of the banknote
- Control of the presence, decoding and conductivity of the security thread inside the banknote (Metal TH)
- Control of the magnetic properties of the serial number.

Criteria for selection for wear conditions:

- Dirt spread on the banknote through 2 image sensors (CIS) - Presence of adhesive tape through a mechanical precision group
- Banknote non-integrity (CIS) - Missing cuts and corners (CIS) - Written (CIS) Holes (CIS)
- Folded corners (CIS + ultrasonic sensor) Double, half and chained banknotes (CIS + mechanical sensor)

Security criteria:

- Three password levels: Operator, Operational Supervisor and Technical Supervisor
- Ability to have reports for both processing batches, daily, customers, branches, operators
- Reading and printing of the serial number (optional)
- Ability to print reports on printer
- Ability to view and store reports on a PC.
- Printing of the half-yearly reports required by the B.C.E. (if set)

Technical features:

Loading capacity: 300 banknotes Main output tray: 300 banknotes Secondary output tray: 100 banknotes
Batch preselection: from 1 to 200 with predefined steps Banknote format: 115 x 53 (min); 200 x 87 (max)
Speed: 1,200 banknote / minute counting and enhancement - 1,000 good / worn and serial number
Operator interface: graphic LCD display and functional keyboard with arrows for navigating through the menus
Outputs: LAN - USB2.0 - RS232 Power supply: 90-260 VAC; 50-60 Hz 150 Watt Dimensions: 300 x 321 x 310h Weight: 13.6 kg

CE MARK 1 YEAR GARANTEE ASSISTANCE GUARANTEED

Distributed:

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VENDITA e ASSISTENZA VERIFICATORI DI BANCONOTE CONTABANCONOTE e CONTAMONETE