



# Four-pocket (3+1) banknote sorter with fitness detection **Magner 350N**

The Magner 350N four-pocket (3+1) banknote sorter with denomination and fitness detection is the ideal solution for bank branches, cash centers, and cash-in-transit companies. The device enables industrial-level counting, verification, and sorting of cash, preparing banknotes for further storage or transportation.



Cash Processing  
Center



Bank branch



Cash Center



CIT

## ADVANTAGES

### Ease of Use

A large 7-inch touchscreen display, conveniently placed physical buttons, and an intuitive user-friendly interface simplify the setup and operation of the sorter.

### Advanced Detection Capabilities

For recognizing currencies, denominations, banknote orientation and quality, serial numbers, and counterfeit detection, the device utilizes a powerful detection unit. This unit consists of a dual-sided CIS module, infrared, ultraviolet, magnetic and thickness sensors.

### High Performance

The sorter can process up to 1,000 banknotes per minute in simple counting mode and up to 700 banknotes per minute when recognizing currencies, denominations, and serial numbers. Combined with sorting into 3 pockets, this ensures higher efficiency and productivity.

### Extensive Functionality

A powerful processor enables fast image recognition of banknotes and machine-readable marks, offering a wide range of sorting parameters. These include sorting by currency, denomination, banknote side and orientation, as well as by quality—ATM, fit, and unfit for circulation.

### Simplicity and Reliability

The well-designed banknote path allows easy access to all sections for maintenance or jam removal, while built-in on-screen guidance simplifies operation and servicing of the sorter.

### Tested and Recommended by the ECB

The high quality and efficiency of the sorter have been tested and approved by the European Central Bank (ECB), confirming the reliability and effectiveness of the Magner 350N.

### Integration with Cash Management.iQ

Integration with the Cash Management.iQ software platform allows for automation and optimization of cash handling processes, providing greater control over cash flow. The Cash Processing.iQ module automatically collects operational data from sorting and counting machines, enabling comprehensive reporting for informed and efficient decision-making.



## SPECIFICATIONS

Detection	2CIS/ UV Reflection 6 channel/ full range MG 16 channels/ IR Transmission
Display	7" Touch Screen Full Color LCD
Pockets	3 + 1
Hopper Capacity	600
Stacker Capacity	200
Reject Capacity	100
Currencies	10
Counting modes	Simple counting (CNT)/ Denomination (SDC)/ Accumulation (ADD)/ Batch (BATCH)/ Mixed Currency (MIX)/ Version (SDCV)/ Fitness (ATM/FIT/UNFIT)/ Face (FACE)/ Orientation (Orient)
Batch	0-200
Counting speed, banknotes per minute	1,000 – simple counting 900 – denomination recognition 700 – fitness detection 700 – serial number reading
Fitness Sorting	Soled, hole, dog-ears, tape, graffiti, stain, tear, torn, ink removal, missing corner, missing edge
Ports	LAN/2xUSB/RS-232C/VGA (15 pin D-SUB)
Power consumption	100/240V, 50/60 Hz, 250W
Weight, kg	47
Dimensions (W x H x D), mm	534 * 481 * 455
Manufactured in	South Korea

**MAGNER** is a recognized and respected brand in the international market for adaptive cash handling equipment. **MAGNER International** provides high-quality products at competitive prices through a global distributor network, offering sales, technical support, and service.

## ABOUT BS/2

For over 30 years, **BS/2** has delivered specialized software and technological solutions for banks, financial institutions, and retail businesses, focusing on developing self-service channels. It offers a wide range of cash counting and sorting equipment for commercial and central banks, cash-in-transit companies, and retail locations. BS/2 is part of the Penki Kontinentai group.

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