

# NC8500

3-Pocket Fitness Sorter

# Complexity to simplicity

NC8500, the latest and most advanced model from MA, is the fastest fitness sorter in the group, featuring enhanced and reliable authentication / fitness sorting ability.

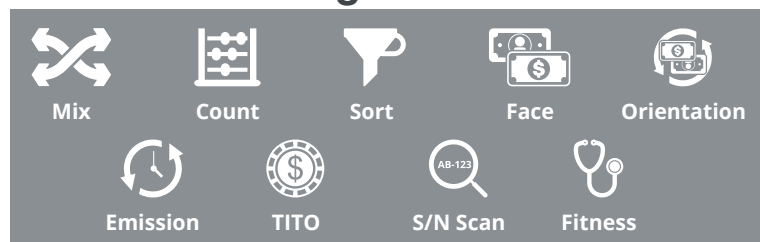
Built with wide range counterfeit detection capabilities, NC8500 stops counterfeits by using the most advanced counterfeit detection technology in the industry.

Three pocket design, assist user to process banknotes in the shortest time. With easy modes switching to fulfill all kind of cash handling process, it reduces workload with high speed and accuracy.

Supporting most of the currencies worldwide, and various possibilities for connectivity, satisfying the growing demand for more efficient cash management.



## Various Counting Modes



## State of art engineering

NC-8500 features several types of sensors, which deliver the ultimate performance, high accuracy and heavy-duty operation.

Each of the sensors are designed to detect different security features, ensuring all known suspicious banknotes are caught.

### Contact Image Sensor

Red, Green, IR light source.  
1584 dots for each scan.

### Light Source for Transmission Image

**MG Sensor**  
9 Channels

### Thickness Sensor

19 Channels

### UV Sensor

8 Channels



## Exceptional User Experience



User experience defines the last mile of a good product. MA invested extra efforts to bring users the best of its technology.



By integrating a 4.3" LCD control panel, NC8500 is able to provide easy mode switching and showing all useful information during banknote processing.

When banknote jam occurs, NC8500 is well-designed in order to perform fast and convenient jam removal with a press of buttons.



After-sales service and connectivity lead to up-to-date, easy and various methods of data output and software upgrade.

## Specification

Feed System	Roller Friction System
Counting Modes	Count, Mix, Sort, Face, Orientation, Fitness, Issue, TITO (Optional)
Counterfeit Detection	Contact Image Sensor Magneto Resistive Magnetic Ultra Violet
Counting Speed	1100 Note/Min. (Piece Count) 1000 Note/Min. (Denomination Count) 1000 Note/Min. (Serial Number Count) 1000 Note/Min. (Fitness Count)
Currency Combo	Max. 12 Currencies (USD as standard)
Capacity	500 Circulated Banknotes (Hopper) 250 Banknotes (Pocket 1) 250 Banknotes (Pocket 2) 250 Banknotes (Reject Pocket)
Power Supply	AC100V ~ 240V, 50/60Hz
Consumption	Max. 100W
Dimension	13.7" x 17.6" x 17.3" 345 x 445 x 437 mm
Net Weight	66 lbs. 30 kg



QDS, Inc.

8655 Crown Crescent Court

Charlotte, NC 28227

[sales@qualitydatasystems.com](mailto:sales@qualitydatasystems.com)

1-800-258-1168