

MAGNER 200

U.S. Dollar Banknote Detector



- Consistent guarantee of checking authenticity
- Compactness and fine design with an optimum price

MAGNER

INTERNATIONAL CORPORATION

U.S. Dollar Banknote Detector MAGNER 200



Features: high detection speed spectral analysis of printing ink; optical check of banknote size; check for magnetic marks – presence and positioning; IR-detection; denomination identification; memory totals of checked banknotes; results are displayed; sound alarm and error code display; power saving mode; compact size allows added work area.

- The **MAGNER 200** belongs to the class of semi-automatic banknote detectors. It is quick, easy and reliable in detecting the U.S. dollar banknote authenticity in an automatic mode. The **MAGNER 200** performs thorough analysis of authenticity for 1, 2, 5, 10, 50, 100 U.S. dollar banknotes issued in 1988 and thereafter.

- A particular feature of the **MAGNER 200** is the application of a specialized spectral analysis sensor allowing to check parameters of ink used for printing banknotes. This engineering development is unique, practically excluding errors when detecting a banknote authenticity.

- The detector has a magnetic sensor consisting of three magnetic heads therefore checking the magnetic characteristics of a banknote along three tracks.

- Image sensors are intended for pattern recognition by which the **MAGNER 200** detects and checks for banknote denomination.

- Optical sensors allow to identify optical density of the paper, coincidence of optical patterns on both sides of banknotes as well as geometric sizes of checked banknotes.

- A special bar of IR sensors in the **MAGNER 200** detects presence of IR marks and provides reliable detection of a banknote authenticity.

- The detector has a 7-digit LED display indicating denomination, number of

checked banknotes, each denomination value amount, total amount of checked banknotes, error code. The number of checked banknotes by denomination and the total amount can be displayed at any time by pressing the appropriate key.

- Two operating modes (main and auxiliary) make the **MAGNER 200** suitable for operation in the limited area.

- The **MAGNER 200** automatically switches to power saving mode when it is out of use for 5 minutes, and automatically switches off when not used longer than one hour - a power savings feature. Software can be upgraded for new U.S. dollar banknotes by means of reprogramming via compatible PC without disassembly.

- Jack for external devices allows to connect the **MAGNER 200** in local computer network (option).

- High speed, reliable mechanism, high quality detection and low cost make **the MAGNER 200** an ideal instrument for using it in all environments where dealing with large cash volumes is a must.

SPECIFICATIONS:

Banknote denomination:	all banknotes 1988 and later
Checking rate:	75 banknotes/min
Banknote positioning:	lengthwise, black printing forward, face up
Sensors:	Infrared, magnetic, optic, size
Display:	Denomination of a genuine banknote, Number of genuine banknotes by denomination, Amount of genuine banknotes by denomination and total amount
Voltage:	220B AC/12B DC
Currency:	250 mA
Operating temperature:	+5°C - +40°C
Storage temperature:	-30°C - +80°C
Dimensions:	111 x 80 x 200 mm

WARRANTY TERM: 12 MONTHS

Contact your local representative for any service concerns.

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