




D200

Multifunction Counterfeit Money Detector

USER GUIDE

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Thank you for trusting AccuBANKER with your cash handling needs. In order to optimize the performance of your equipment, we encourage you to thoroughly read this user guide prior to use.

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1. Before Starting

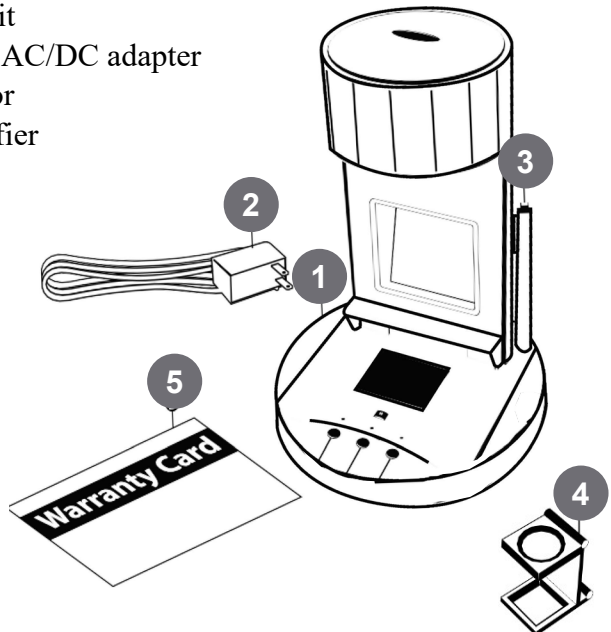
Counterfeit money is a global problem. Found everywhere money exists, it reminds us of a reality we cannot avoid. So, when we designed the D-200 (The Tower), we gave ourselves a challenge: to create a counterfeit money detector for almost any money in the world. The result of our research is the D-200 (The Tower), and these are its characteristics:

Standard Features:

- An infrared camera with a 4" LCD display
- UV detection device
- Fluorescent tube for watermark verification
- "MG" (magnetic) head detector
- Microprinting magnifier
- Chemical pen
- Operates with an included 110-220V - 60/50Hz AC/DC adapter

We recommend the user verify that the box contains the items listed here:

- 1- D-200 The Tower unit
- 2- 110-220V - 60/50Hz AC/DC adapter
- 3- Chemical pen detector
- 4- Microprinting magnifier
- 5- Warranty booklet



2. Important Safety Instructions

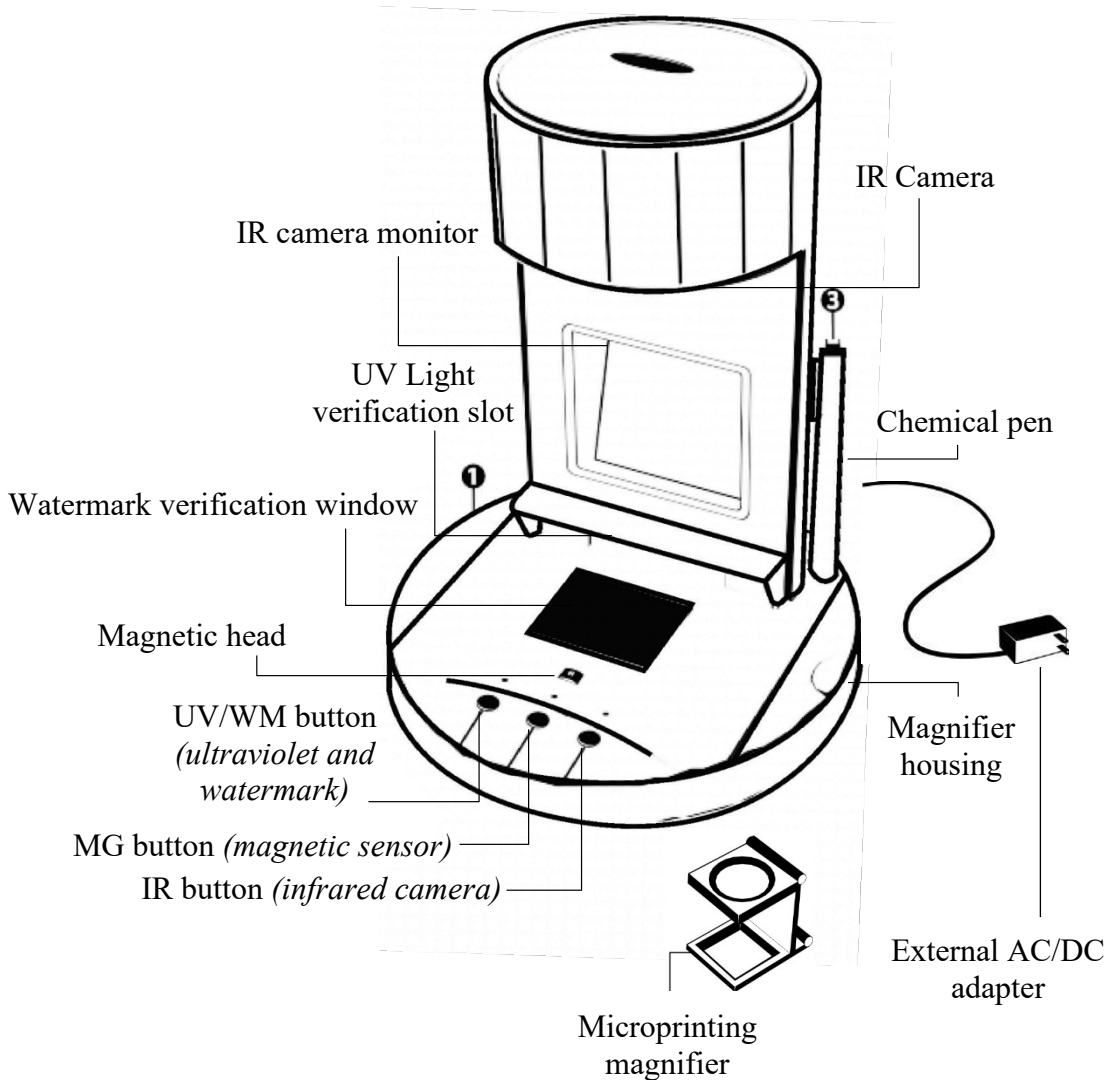
- Follow all warnings and instructions marked on the unit.
- This equipment is meant to be operated in an indoor environment with proper ventilation.
- Do not place near direct sunlight, heat sources, or air conditioners.
- This equipment should only be operated with the power cord supplied and the type of power source indicated in this user guide. If you are not sure of the type of power supply in your location, consult your vendor or local power company.
- To avoid the risk of fire or electric shock, never push objects into the equipment through the case slots or openings since they may touch dangerous voltage points or shortcut parts. Do not disassemble the unit.
- Never spill liquids of any kind on the equipment.
- Unplug this equipment from the wall outlet and refer servicing to qualified service personnel under the following conditions:
 - When the power supply cord or plug is damaged or frayed*
 - If liquid has been spilled into the unit or it has been exposed to rain or water*
 - If the unit has been dropped or the case has been damaged*
 - If the equipment shows a noticeable change in performance

*Not covered under warranty



If the unit does not operate normally while following the instructions, adjust only those controls covered by the operating instructions. Improper adjustment of other controls may result in damage and will often require extensive work by a qualified technician to restore the product to normal operation.

3. Parts and Function Controls



4. Functions

About the bills: Not all currencies in the market have infrared, ultraviolet, watermark, magnetic, special paper, or micro printing features. Make sure that the type of bill you want to analyze has the feature that you want to verify.

The best way to detect counterfeit bills is by knowing your currency. Each country should publicize the security features present on the bill so that the general public can verify that they have a genuine banknote.

Infrared Detection Function (IR)

Connect the adapter to the unit. Once connected to the unit, connect the adapter plug to an electric outlet.

Place the bill to analyze in the frontal aperture (see Figure 1).

Activate the "IR" button located in the function console (see Figure 2). The monitor will take a few seconds to be fully operational.

Visually, verify that the IR features hidden in the analyzed bill are revealed in the image shown in the 4" LCD display.

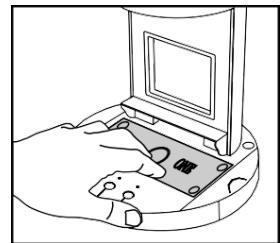


Figure 1

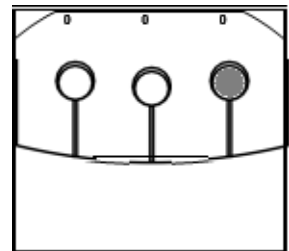


Figure 2

4. Functions (continued)

Ultraviolet Detection Function (UV)

Place the bill to analyze in the frontal slot (see Figure 3).

Activate the "UV" button located in the function console (see Figure 4).

Visually, verify that the UV features embedded in the analyzed bill fluoresce under the UV light.

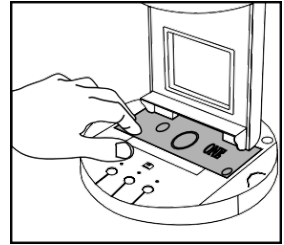


Figure 3

Watermark Verification Function

Press the "WM" (watermark) button twice to activate the function (see Figure 4).

* The same button controls the UV function.

Place the bill to analyze over the watermark verification window (see Figure 5).

Verify that a watermark is present in the analyzed bill.

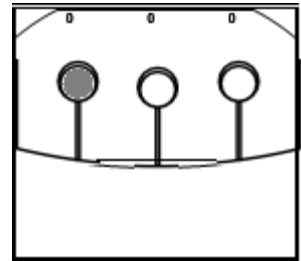


Figure 4

Magnetic Detection Function (MG)

Activate the "MG" (magnetic) detection button located in the function console (see Figure 6).

Rub the area of the bill that contains magnetic ink against the magnetic head located on the analyzing console (see Figure 7 - next page).

If an alarm goes off when rubbing the bill, this means that it contains magnetic ink. If an alarm does not go off when rubbing the bill, this is an indication that the bill may not have magnetic ink, a common characteristic of counterfeit bills.

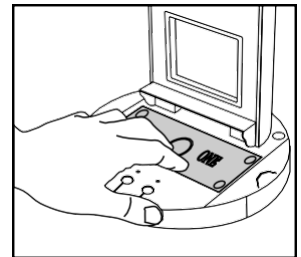


Figure 5

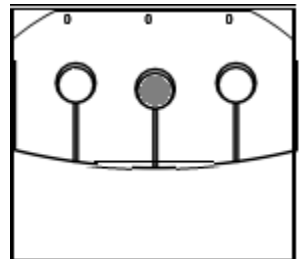


Figure 6

4. Functions (continued)

Chemical Pen Verification

Locate the chemical pen supplied with the unit and use it to make a mark on the bill (see Figure 8). The coloration of the mark left by the pen on the paper will give the user a hint about the legitimacy of the bill. For example, when analyzing U.S. dollars, you will note that the coloration left in the paper by the pen is a light yellow color when applied to legitimate bills.

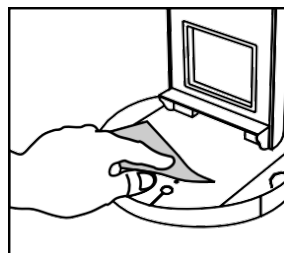


Figure 7

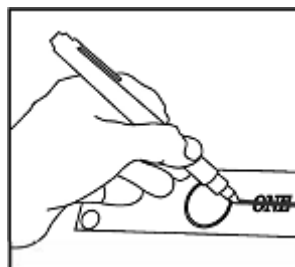


Figure 8

Micro Printing Magnifier Verification

Use the supplied magnifier to analyze the micro printing and fine lines present in many world currencies. This feature is hard for counterfeiters to imitate and may be a telltale mark for a counterfeit bill.

NOTE:

For written warranties, refer to the Warranty booklet included in the box.

The D-200 (The Tower) is the most complete instrument available in the market to verify the legitimacy of bills, credit cards, traveler's checks, and other special documents. However, the D-200 (The Tower), like all other detectors in the market, cannot guarantee the legitimacy of any bill analyzed by it due to the unpredictable techniques or advances that counterfeiters may introduce.

5. Specifications

Weight: 2.6 lb (1.2 kg)

Dimensions: 8.66" x 8.66" x 13.77" (21.99 x 21.99 x 34.98 cm)

Monitor: 4" LCD Display

Camera: IR (infrared)

Currency Accepted: Any currency

Power Consumption: 7 Watts

Power Supply: 100-240V - 60/50Hz AC/DC adapter



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