

1. Before Starting

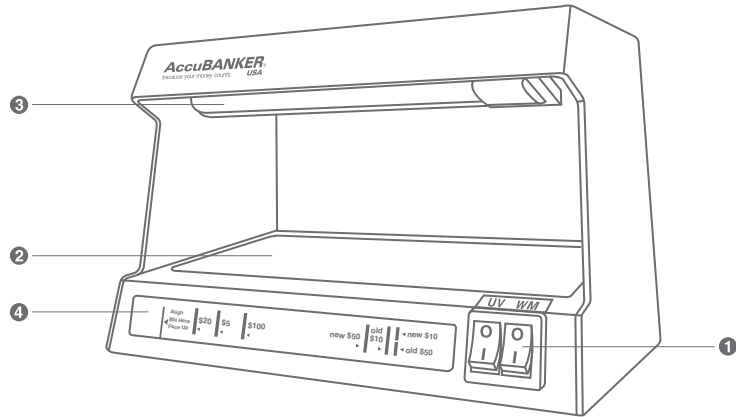
Counterfeit money is a phenomenon everybody doesn't like to hear, but it is a reality we can't avoid in our finances. The best way to be protected against this evil is having ready the tools for spotting as soon as it appears in front of us. The D-63 Counterfeit Money Detector has been designed to be one of these tools for assisting you to spot faked bills easily and avoiding its damages.

Accurate and convenient to use, the D-63 unit is equipped with two powerful 9 W UV lamps that assist the user to easily inspect the surface of banknotes and other documents. The users can clearly visualize the fluorescence of the security thread embedded into the U.S. dollar as well as any other UV features present in other currencies, credit cards and special documents. Moreover this unit is equipped with a Watermark verification window to further increase your bill or document analysis capability. All these features in a single and small tool that takes the minimum space on your desk or counter.

This unit has been specifically designed to protect the user from direct exposure to ultraviolet rays.

2. Description

- ❶ UV/WM (Ultraviolet/Watermark) Selector Buttons.
- ❷ Watermark Verification Window
- ❸ Two 9 W Ultraviolet lamps
- ❹ Security Thread Identification label



3. Operation

We recommend the users to familiarize themselves with the security features of the bills or documents they want to analyze, in order to use the unit appropriately and efficiently. Additionally, we also recommend the users to compare any dubious banknote against a good one, to better determine if it is authentic or not.

A. Ultraviolet Detection

Plug the unit to a power outlet. Turn ON the UV detection in the UV/WM selector switches. Place the bill or document you want to analyze on the surface under the UV lamps.

The UV features contained in bills and documents will fluoresce under UV light. Using this principle, any document containing UV security features should fluoresce. U.S. dollars, others currencies, credit cards and other special documents containing UV security features will be difficult to reproduce by counterfeiters.

The UV reaction in a bill or document can differ depending on the side that is analyzed (for bills and documents that have UV security features visible from both sides). For this reason, we recommend the user to analyze both sides of the bill or document

B. Watermark Verification

Turn ON the WM detection in the UV/WM selector switches. Place the banknote or document over the watermark verification window and verify the watermark is present and is the right one for this denomination. The absence, displacement or low quality of the watermark will indicate that the bill or document analyzed is not authentic.

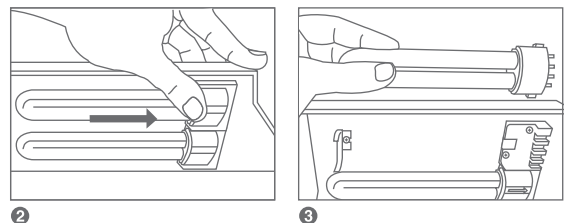
4. Cleaning Maintenance

- Avoid operating the unit close to strong natural/artificial light source. The effect of the UV light will be overpowered by that strong secondary light source, diminishing the fluorescence of the analyzed bill or document.
- Don't use this product in areas where it may be exposed to water or other types of liquids.
- Dust may accumulate on the UV lamps, reducing its luminescence. Use a damp soft cloth for cleaning.
- Don't use liquid or aerosol cleaners.
- Unplug the unit from the wall outlet before cleaning or replacing a lamp.
- Don't use the unit if the power cord is damaged or if the plug socket contact is loose. Not following these instructions may result in electric shock, fire or other hazards.
- When not using the unit for a long period of time, remove the power plug from the wall outlet.

Important note: To extend the life of the fluorescent UV and watermark lamps, it is recommended to Turn Off the selectors if you are not using the unit.

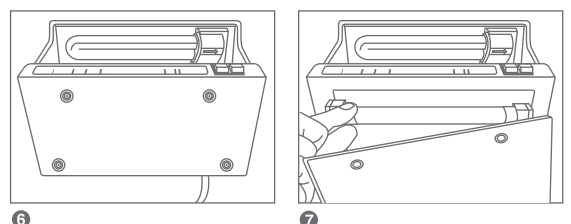
5. UV Lamps Replacement Procedure

- ❶ Be sure the unit is Turned Off and Unplugged from the power wall outlet.
- ❷ Push back the socket cover as the arrow indicates and take it out.
- ❸ Remove the bad lamp carefully and place the new one.
- ❹ Replace the socket cover again pushing it forward.



6. Watermark Lamp Replacement Procedure

- ❶ Be sure the unit is Turned Off and Unplugged from the power wall outlet.
- ❷ Remove the four screws underneath the unit.
- ❸ Carefully gain access inside the unit and replace the bad lamp.
- ❹ Close the bottom cover again.



SPECIFICATIONS

Dimensions	185 x 110 x 120 mm (7 ¼" x 4 ¼" x 4 ¾")
Ambient Temperature	0° C - 40° (32° F - 104° F)
Ambient Humidity	≤ 85%
illumination	200 - 800 lux
Power Source	110 or 220V
Power Consumption	~ 20W