

SL-2M

Signature Verification/ Fraud Detection Lamp

Operating Instruction Manual



UVP's signature verification/fraud detection lamp, model **SL-2M**, uses ultraviolet light to check the authenticity of signatures, documents, tickets, credit cards and currency. This unit is quick & simple to operate, and poses no threat to the operator's health.

Ordering Info:
Part No. 95-0164-01
95-0164-02

Model SL-2M
SL-2M
Volts 115V
220V

INSTRUCTIONS

Bank Notes and Checks

To test the unit, plug into the mains electricity, switch on and place a sheet of bleached (UV bright) paper under the lamp and compare with a genuine bank note or check. The paper will glow brightly but the note or check will remain dull.



WARRANTY

UVP's UV lamps are guaranteed to be free of defects in materials, workmanship and manufacture for one (1) year from date of purchase. Consumable and disposable parts including, but not limited to tubes and filters, are guaranteed to be free from defects in manufacture and materials for ninety (90) days from date of purchase. If equipment failure or malfunction occurs during the warranty period, UVP shall examine the inoperative equipment and have the option of repairing or replacing any part(s) which, in the judgment of UVP, were originally defective or became so under conditions of normal usage and service.

No warranty shall apply to this instrument, or part thereof, that has been subject to accident, negligence, alteration, abuse or misuse by the end-user. Moreover, UVP makes no warranties whatsoever with respect to parts not supplied by UVP or that have been installed, used and/or serviced other than in strict compliance with instructions appearing in this manual.

In no event shall UVP be responsible to the end-user for any incidental or consequential damages, whether foreseeable or not, including but not limited to property damage, inability to use equipment, lost business, lost profits, or inconvenience arising out of or connected with the use of instruments produced by UVP. Nor is UVP liable or responsible for any personal injuries occurring as a result of the use, installation and/or servicing of equipment.

This warranty does not supersede any statutory rights that may be available in certain countries.



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81-0002-01 Rev E

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To identify counterfeit bank notes and checks, simply pass them under the ultraviolet light. If a note or check glows, it is almost certainly a counterfeit. The only exceptional circumstances in which a genuine note might glow is where it has accidentally been washed in a soap/detergent containing a whitening agent. Even then it is unlikely to glow uniformly, but if a note glows at all it should be inspected visually for water marks and metal strip, and if you are still uncertain you would be well advised to reject it politely. Bear in mind that the customer may not be aware that he/she has passed a forgery.

Bank notes, standard checks and travelers checks are printed on water marked security paper, the supply of which is carefully controlled and counterfeiters are unable to get hold of it. They are obligated to either print their forgeries on inferior bleached paper, or to photocopy notes, possibly imprinting the metal strip and watermark in them. These forgeries are often good enough to pass inspection, particularly in poor light or when you are under pressure, but they will invariably glow under the ultraviolet lamp. Sometimes, in order to beat the system, the counterfeiter will wax the surface of the note which will tend to suppress the glow. If a note is not completely dull under the lamp, or it's surface feels waxy, it should be visually inspected to check that the watermark is in the paper and printed on the back, so that it appears as a watermark from the front of the note. The counterfeiter takes advantage of the fact that most people automatically inspect the note from the front!

Credit Cards

In many cases, attempts to alert or to remove the legitimate signature on the card will also be revealed by the lamp. As most credit card companies offer rewards for recovery of lost or stolen cards, this lamp could be a valuable facility. "Cloned" or counterfeit credit cards are making appearances world-wide and it is doubtful whether credit card companies' guarantees would extend to payments made against such cards since they did not issue them. Fortunately, most credit cards carry visible ultraviolet markings which enable you to authenticate them and which will be revealed by the lamp.

TECHNICAL INFORMATION

- UV source: One, 4 watt longwave 365nm UV tube
- Dimensions: 6.5"W x 5.75"D x 4.5"H
(165 x 146 x 114mm)

REPLACEMENT TUBES

Longwave (365nm) tube

Part Number
34-0010-01

CARE AND REPAIR

Always unplug the lamp from the electrical supply prior to cleaning or replacing the ultraviolet Tubes.

Clean the SL-2M lamp housing with a soft damp cloth.

To replace the ultraviolet tube, reach under the lamp housing, twist the tube 1/4 turn and carefully slide the tube out from the housing.

UVP offers technical support for all of its products. If you have any questions regarding the product's use or repair, please contact UVP's Customer Service Department at the following locations:

In the U.S.

Call: Toll free (800) 452-6788 or (909) 946-3197
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In Europe/UK

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A **Returned Goods Authorization (RGA)** number must be obtained from UVP prior to returning any product to UVP.