

# **Ultraviolet Viewer UV1**



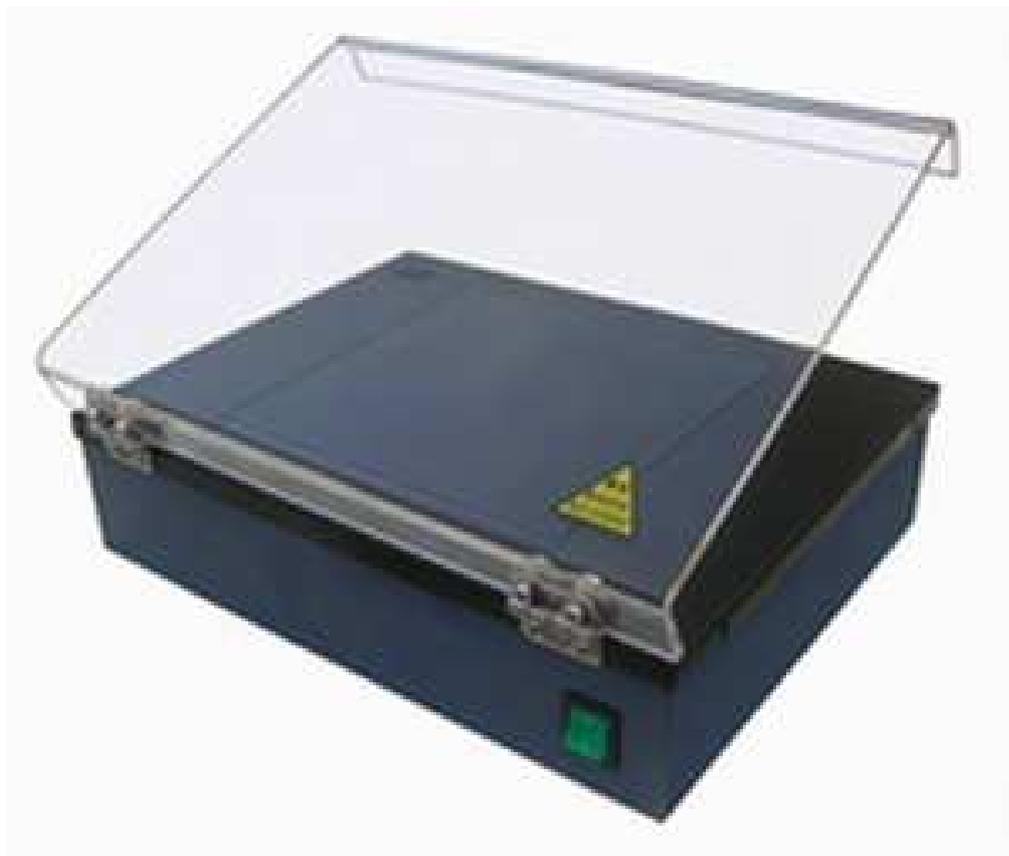
## **User Manual**

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Thank you for using UV1 series ultraviolet viewer.

We recommend you reading this manual carefully before you using it.



### **Caution:**

1. Disconnect the main power supply from the device when you have to open the shell for repairing, or not using for a long time.
2. The powerful UV radiation will hurt unprotected eyes and skin. Make sure to turn the power switch off when open the transparent UV protecting lid for operation.
3. Power supply for the device must have good earth ground line.
4. Turn the device off when placing gel or sample on the filter area.
5. Close the transparent lid when viewing.
6. Turn the device off after viewing the sample.
7. Do not scratch the surface of the filter with hard wares.
8. Do not use abrasive cleaner to clean the filter area and the other part of the device.

### **Introduction:**

UV1 series ultraviolet viewers are designed to provide intense sources of UV light source, which are used in the research of gel electrophoresis, DNA fluorescence and protein fluorescence.

### **Features:**

Wavelength (nm)	312
Filter area (mm)	100x150
Power supply	Please properly use the voltage to meet local charge
Dimension (mm)	260x180x80

### **Installation:**

- Before operating the device first time after unpacking, please make sure that the UV tubes are in their position correctly.
- Remove the protecting film on the UV filter.
- Place the device on a stable surface and keep the back of the device 200mm away from the wall.

### **Operation:**

- Connect the device to the main power supply.
- Open the transparent lid and place the gel or sample on the center area of the filter.
- Make sure the transparent lid is closed. The lid will protect user from radiation of UV.
- Turn the device on.
- After viewing the gel, take the sample away and turn off the power switch.
- Clean the filter area with 100% alcohol and soft fabric.

### **Replacing the UV tubes:**

- Disconnect the device from the main power supply. And disconnect the power cable from the device.
- Remove the lid of the light box with the screwdriver.
- Hold the two ends of the UV tube, twist the UV tube half circle and take it carefully out from the sockets.
- Replace the new UV tube and make sure it is in the position firmly, Then re assemble the cabinet.