

### Dual Wave UV Analysis Lamp UV-4 S/L

Catalog No. 29 50 440 (220-240 V, 50/60 Hz) – 29 56 440 (110-120 V, 50/60 Hz)



### Safety Advice:

UV light is dangerous for your eyes and skin. Always wear adequate protection. Never look into a lighted UV hand lamp. Always hold it so that the light beams are going away from you. Even though longwave UV light (365 nm) is generally considered harmless to the average person; it can still cause adverse reactions after long term exposure or at photosensitive people without adequate protection.



### Technical Data:

UV light sources: 1 x 4 Watt UV-C (254 nm)  
 1 x 4 Watt UV-A (365 nm)  
 Double on/off switch; one for each wavelength  
 Power supply: see name plate  
 220-240 Volt, 50/60 Hz or 110-1120 V, 50/60 Hz  
 Power cable: approx. 1 m

### Operating Instructions:

- Plug your lamp into a standard AC outlet.
- Use the switches on the side panel of the lamp to choose the light source:
  - **Upper switch:** Shortwave (UV-C / 254 nm)  
can be used to fluoresce minerals for chemical analysis and for germicidal effects
  - **Lower switch:** Longwave (UV-A / 365 nm / "black light")  
can be used to activate fluorescence in many natural substances and manufactured materials
- The light sources can be used separately or both at the same time.

### Replacing the UV Tubes:

- Turn off the lamp and unplug it from the power outlet.
- Unscrew the retaining screws (4 on each side) and remove the lower part of the lamp (filter and frame).
- Carefully grasp the UV tube at both ends, twist it one half turn, until it works free.
- Insert the new tube by giving it a twist to lock into place.
- Reassemble the lamp.



### Replacement UV tubes for Hand Lamps

For Model	Energy	Wavelength	Number of tubes in unit	Cat. No.	
UV-4	S	4 Watt	254 nm	1	29 83 300
	L	4 Watt	365 nm	1	29 83 500

### Warranty:

- 24 Months; except for tubes and filter.



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