

3UV Series Handheld Lamps Operating Instructions

Introduction

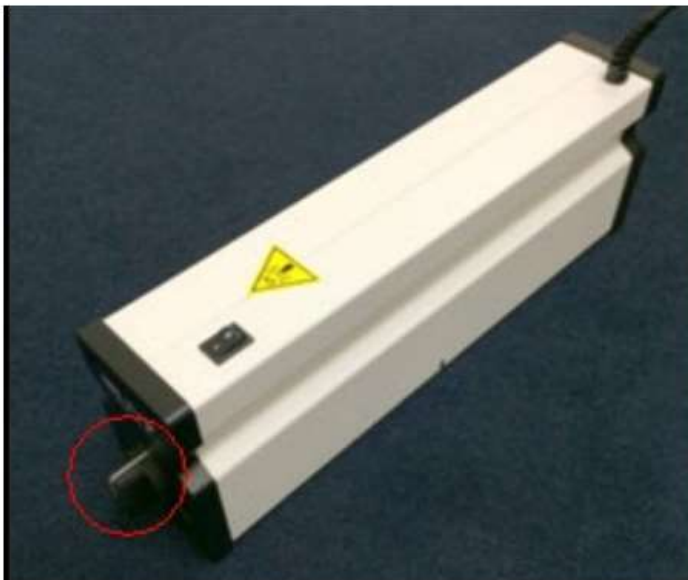
The 3UV Series of Handheld Lamps offers a uniform and intense source of ultraviolet light (radiation) with three UV tubes housed in one lamp. The lamps emit one of three UV wavelengths (254nm, 302nm or 365nm UV) in four, six and eight watt configurations for exposure or illumination of materials. All 3UV Series Handheld Lamps are lightweight with a rugged housing. Each lamp features a uniquely designed reflector surface mounted behind each tube to provide maximum UV fluorescence.

Important Safety Information

Caution: Shortwave and midrange UV radiation will cause damage to unprotected eyes and skin. Before operating any unit, be sure all personnel in the area are properly protected. UV Blocking Eyewear should be worn as well. Analytik Jena has a complete line of UV Blocking Eyewear: Spectacles, Goggles and Face shield designed for this purpose.

Operation

Plug the power cord into a properly grounded electrical outlet. The proper voltage of the lamp is found on the product information label. A selector knob is conveniently located on top of the unit to select the appropriate UV source. Each lamp comes with one UV tube of each UV wavelength: 254nm, 302nm and 365nm UV,



Wavelength Selector Knob

Specifications

Physical dimensions for four, six and eight watt lamps:

Model	Dimensions
3UV-34 (four watt)	9.5"L x 3"W x 4.5"D (241 x 76 x 114 mm)
3UV-36 (six watt)	12.5"L x 3"W x 4.5"D (318 x 76 x 114 mm)
3UV-38 (eight watt)	15.5"L x 3"W x 4.5"D (394 x 76 x 114 mm)

Maintenance,

Repair and Technical Assistance Replacement parts for the 3UV Handheld Lamps and accessories are shown here. For all other replacement parts, contact AJ's offices or your authorized distributor.

Replacing the Tubes

Always disconnect the lamp from the electrical power source prior to replacing tubes.

1. Remove the filter frame by unscrewing the two Phillips head screws securing the frame to the body then sliding the frame off. This exposes the rotating lamp assembly.
 2. To remove a tube, rotate the dial to the appropriate UV wavelength. Each tube corresponds to the UV wavelength indicated on the dial switch. Carefully rotate the tube 90 degrees and slide the tube out of the end receptacles.
 3. To install a tube, slide the tube into the end receptacles and rotate the tube 90 degrees.
- It is important to ensure that the appropriate UV tube is placed in the correct tube assembly position so that it matches the wavelength selector dial notation.



Filter Frame Securing Screws

Cleaning the Lamp

The painted surfaces and filter areas of the lamp should be cleaned with a damp sponge or cloth towel and mild soap. Never use abrasive cleaners, solvent-based cleaners or scouring pads.

ALWAYS DISCONNECT THE LAMP FROM THE ELECTRICAL POWER PRIOR TO CLEANING!

Technical Support

Analytik Jena offers free lifetime technical support on all of its products and software. Should you have any questions regarding the product's use, operation or repair, contact Analytik Jena,

上海峰志仪器有限公司, <http://www.fzyq.cn> 咨询电话: **13120936518**

Replacement Parts and Accessories

Replacement parts and accessories are available through your distributor or Analytik Jena.

<i>Part Description</i>	<i>Part Number</i>
Switch, On/Off	53-0165-02
Fuse, 3.5 amp	77-0030-01
Knob, Selector	72-0063-01
Tube, 4 watt, 365nm	34-0005-01
Tube, 4 watt, 302nm	34-0071-01
Tube, 4 watt, 254nm	34-0003-01
Tube, 6 watt, 365nm	34-0034-01
Tube, 6 watt, 302nm	34-0044-01
Tube, 6 watt, 254nm	34-0013-01
Tube, 8 watt, 365nm	34-0006-01
Tube, 8 watt, 302nm	34-0042-01
Tube, 8 watt, 254nm	34-0007-01
UV Blocking Spectacles	98-0002-01
UV Blocking Goggles	98-0002-02
UV Blocking Faceshield	98-0002-04

Product Warranty

AJ US warrants its 3UV Series Lamps to be free of defects in materials and workmanship for a period of one (1) year from the date of purchase. Tubes and filters are warranted for a period of 90 days. If equipment failure or malfunction occurs during the warranty period, AJ shall examine the inoperative equipment and have the option of repairing or replacing any part(s) which, in the judgment of AJ, 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, AJ makes no warranties whatsoever with respect to parts not supplied by AJ or that have been installed, used and/or serviced other than in strict compliance with the instruments appearing in this manual.

In no event shall AJ 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 AJ. Nor is AJ 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.