

# 3UV Series Ultraviolet Hand Lamps

## User's Guide

### Introduction

The 3UV Series of Ultraviolet Lamps offer 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 watt, six watt and eight watt configurations for exposure or illumination of materials. All 3UV Series 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. UVP has a complete line of UV Blocking Eyewear: Spectacles, Goggles and Faceshield designed for this purpose.

### Operation

Plug power cord into a properly grounded electrical outlet. The proper voltage of the lamp is found on the product information label. A dial switch 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.

### Specifications

Physical dimensions for four, six and eight watt lamps:

<i><b>Model</b></i>	<i><b>Dimensions</b></i>
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 lamps and accessories are shown here. For all other replacement parts, contact UVP's offices or authorized distributor.

### *Replacing the Tubes*

Always disconnect the lamp from the electrical power source prior to replacing tubes. Remove the filter frame (fig. 1) simply by popping the frame off of the lamp housing. This exposes the rotating lamp assembly. Each tube corresponds to the UV wavelength indicated on the dial switch. To replace a tube, rotate the dial to the appropriate UV wavelength. Carefully rotate the tube 90 degrees and slide the tube out of the end receptacles. To install a tube, slide the tube into the end receptacles and rotate the tube 90 degrees.

**Caution!** 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 (fig. 2).

### *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.**

### *Repair and Technical Assistance*

UVP offers technical support for all of its products. If you have any questions about the product's use, operation or repair, contact UVP's Customer Service at the offices below.

A **Returned Goods Authorization (RGA)** number must be obtained from UVP Customer Service prior to returning any products UVP for repair.

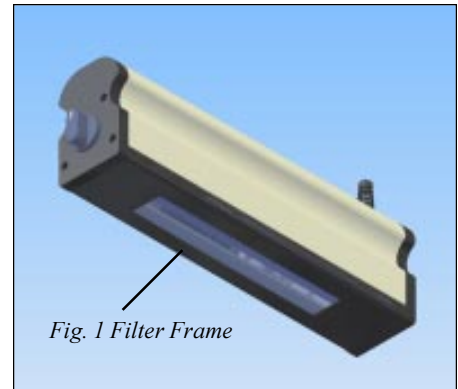


Fig. 1 Filter Frame

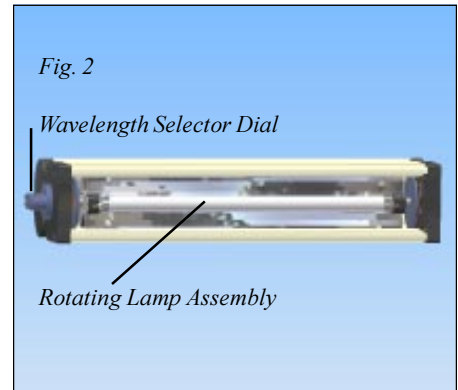


Fig. 2

Wavelength Selector Dial

Rotating Lamp Assembly

### **Replacement Parts & Accessories**

<b>Replacement Part</b>	<b>Part Number</b>
Switch, On/Off	53-0165-02
Ballast, 115V	42-0003-01
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

#### *In the US*

**Call:** (800) 452-6788 or (909) 946-3197  
**Fax:** (909) 946-3597  
**Mail:** UVP, Inc.  
 2066 W. 11th Street, Upland, CA 91786

**E-Mail:** [uvp@uvp.com](mailto:uvp@uvp.com)

#### *In Europe*

**Call:** +44(0)1223-420022  
**Fax:** +44(0)1223-420561  
**Mail:** Ultra-Violet Products Ltd., Unit 1,  
 Nuffield Rd, Trinity Hall Farm Estate  
 Cambridge CB4 1TG UK

**E-Mail:** [uvp@uvp.co.uk](mailto:uvp@uvp.co.uk)

## Product Warranty

UVP, Inc. 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, UVP shall examine the inoperative equipment and have the option of repairing or replacing any part(s) which, in the judgement 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 the instruments 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.

### Additional products from UVP, Inc.

Ultraviolet handheld lamps  
High intensity UV lamps  
Display and bench UV lamps  
UV light sources  
UV intensity meters and Multi-Sense meters  
UV viewing cabinets and crosslinkers  
Transilluminators  
Hybridization Ovens  
Gel documentation and image analysis systems and software

for more information,  
call UVP or go to

**UVP.com**



**Corporate Headquarters: UVP, Inc.**  
2066 W. 11th Street, Upland, CA 91786 USA  
Tel: (909)946-3197 or toll free in US/Canada (800)452-6788  
Fax: (909)946-3597 / E-Mail: [uvp@uvp.com](mailto:uvp@uvp.com)

**European Sales Office: Ultra-Violet Products Ltd.**  
Unit 1, Trinity Hall Farm Estate, Nuffield Road, Cambridge CB4 1TG UK  
Tel: +44(0)1223-420022 / Fax: +44(0)1223-420561  
E-Mail: [uvp@uvp.co.uk](mailto:uvp@uvp.co.uk)