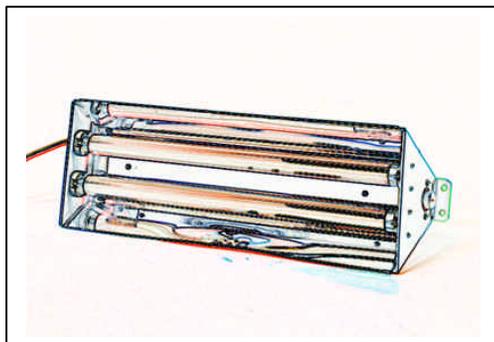


# XX-Series Bench Lamps

## Operating Instructions

### Introduction

UVP XX-Series Bench Lamps are ordered with or without two ultraviolet tubes. The series covers 15 watt, 20 watt and 40 watt models. Before operating the XX-Series lamp, please read *Safety Precautions* for important information on protection from ultraviolet radiation.



### Installation

The XX-Series fixture is designed for installation on a wall, ceiling or other location. A properly grounded outlet is required. The grounding plug is a necessary safety feature -- do not remove it or attempt to use an ungrounded outlet. Each ultraviolet tube is equipped with two pins located on both ends. To install the tubes into the fixture, hold the tube so the pins are vertical with each other. Slide both ends of the tube into lamp holders, beginning with the lower pins, and rotate the tube forward so that the pins are horizontal with each other and fit securely in the lamp holders.

The **Exposure Stand** is for use with the XX-15 lamps. The lamp mounts on top of the stand. The shelf is adjustable to different levels for repeated exposure.

**Filter covers**, also for the XX-15 lamps, slide on and off the face of the lamp fixture.

### Safety Precautions

When using shortwave ultraviolet, UV protective eyewear and skin covering is required to protect all persons exposed to the shortwave UV radiation. Unprotected eyes and skin can be seriously damaged by exposure to shortwave UV. When using longwave ultraviolet, UV protective eyewear is recommended to block UV and "blue haze" associated with longwave UV.



### Operation

To turn the lamp on, push the ON/OFF switch on the end of the XX-Series fixture to the "ON" position. Ultraviolet tubes are fluorescent and require relatively little power while in operation. However, turning the fixture on and off frequently will reduce the life span of the fluorescent tubes.

### Replacement Tubes and Accessories

Replacement Tube	Part No.
365nm BLB Tube, 15W	34-0017-01
365nm Longwave Tube, 15W	34-0009-02
302nm Midrange Tube, 15W	34-0039-01
254nm Shortwave Tube, 15W	34-0008-01
365nm BLB Tube, 20W	34-0068-01
254nm Shortwave Tube, 20W	34-0067-01
365nm BLB Tube, 40W	34-0068-02
254nm Shortwave Tube, 40W	34-0067-02

Accessories	Part No.
Spectacles	98-0002-01
Goggles	98-0002-02
Faceshield	98-0002-04
Exposure Stand (XX-15 series)	18-0062-01
Cover, filter (XX-15S, M)	38-0172-02
Cover, filter (XX-15L)	38-0172-01
Cover, clear (XX-15BLB)	19-0140-01



Web Site: [www.uvp.com](http://www.uvp.com)

Corporate Headquarters: UVP, LLC 2066 W. 11th Street, Upland, CA 91786

Tel: (909) 946-3197 or (800) 452-6788

European Operations: Ultra-Violet Products Ltd.

Unit 1, Trinity Hall Farm Estate, Nuffield Road Cambridge, CB4 1TG UK

Tel: +44(0)1223 420022