

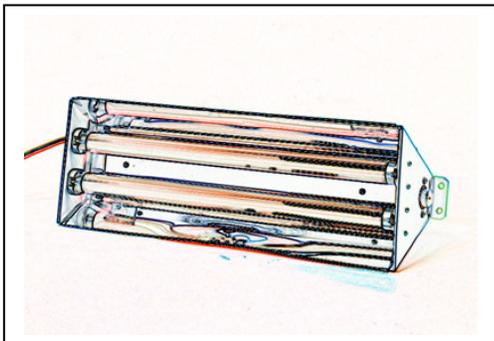
XX-Series Bench Lamps

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, read the *Safety Precautions* below for important information on protection from ultraviolet radiation.



Installation

The XX-Series fixture is designed for installation on a wall, ceiling or other similar location. A properly grounded outlet is required. The grounding plug is a necessary safety feature; do not remove or override it or attempt to use an ungrounded outlet.

Each ultraviolet tube is equipped with two pins located on each end. To install the tube into the fixture, hold the tube so the pins are vertical. Slide both ends of the tube into lamp holders, beginning with the lower pins, and rotate the tube forward so that the pins become horizontal 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 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

<u>Replacement Tube</u>	<u>Part No.</u>
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

<u>Accessories</u>	<u>Part No.</u>
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



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