

Replacement Parts and Accessories

Description	Part Number
UVS-26P shortwave tube	34-0013-01
UVL-26P longwave tube	34-0016-01
UVSL-26P shortwave tube	34-0013-01
UVSL-26P longwave tube	34-0034-01
12V DC Adapter Plug	58-0127-02
UVC-303 Blak-Ray® Spectacles	98-0002-01
UVC-503 Blak-Ray® Goggles	98-0002-02

Warranty

Analytik Jena's 26P Series UV lamps are guaranteed to be free of defects in materials, workmanship and manufacture for one (1) year from date of purchase. Consumable and disposable parts including, but not limited to tubes and filters, are guaranteed to be free from defects in manufacture and materials for ninety (90) days from date of purchase. 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 instructions 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.

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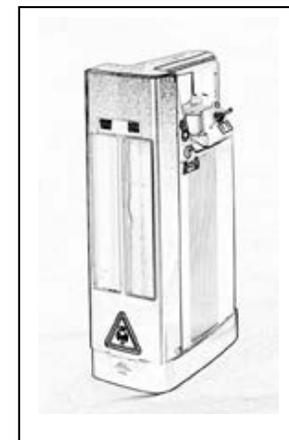
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26P Series Rechargeable Ultraviolet Lamps

Operating Instruction Manual

Introduction

The 26P Series of ultraviolet lamps offers you superb versatility and variety in a powerful 6/12 watt rechargeable lamp. These lamps are designed to be flexible enough to serve as the one lamp for both field and indoor/lab use. Each UV lamp has two handles. In addition to the top hand grip, the 26P has a unique strap handle that runs along the back length of the lamp. Illuminate the ground while standing upright; or, by slipping your hand through the handle and grasping the back of the lamp, rotate the lamp to the full extent your wrist will allow!



Operation

The 26P Series is operated from the built-in lead acid battery (must be charged) and will not operate while plugged into a wall current. The wall outlet plug in your 26P lamp, used to charge the lamp, is found by turning the unit upside down and sliding the plastic cord-cover in the direction of the arrow. Carefully extract the plug. There is an opening for the cord at the back of the lamp that allows you to close the cord-cover before you begin to recharge your lamp. The lamp can also operate by the optional adapter plugged into a cigarette lighter. The UVSL-26P's toggle switch allows you to select longwave or shortwave separately or both at the same time. Other models permit using one tube or both at the same time. The black button is on/off lamp power.

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Models

Model #	Volts/Hz	Part #	Wavelength
UVS-26P	120/60	95-0187-01	254nm
	230/50	95-0187-02	254nm
UVL-26P	120/60	95-0186-01	365nm
	230/50	95-0186-02	365nm
UVSL-26P	120/60	95-0181-01	254/365nm
	230/50	95-0181-02	254/365nm

The model UVS-26P has two shortwave tubes placed behind long-life "UVG" ultraviolet transmitting filters. This model allows you to use two tubes at a time, or just one.

UVL-26P has two longwave self-filtering tubes. This model allows you to use one or two tubes at a time. Model UVSL-26P has one shortwave tube placed behind a long-life "UVG" UV transmitting filter and one longwave tube behind Analytik Jena's special longwave UV filter. This model allows you to use one tube at a time or both at the same time.

Label Definitions

365nm (longwave UV); 254nm (shortwave UV)

Recharging the Lamp

A standard wall outlet can recharge the 26P lamp's internal gel-based lead-acid battery. You may receive your lamp partially charged; however, we recommend you charge the unit from a wall outlet for 24 hours to obtain maximum field usage. When the lamp is plugged into the wall, the red indicator light glows indicating the lamp is continuously charging. This light will go out when the lamp is unplugged. The lamp does not operate while plugged in. If the lamp is turned on while plugged into the wall outlet, the green light will glow but the tubes will not light until the lamp is unplugged. The UV intensity will be fairly steady for about five continuous hours whether you use one or two tubes. Power will reduce swiftly once the charge has been expended. To recharge lamp, plug the lamp into a wall outlet.

The adapter plug is for use in operating the lamp, not for recharging the lamp.

WARNING: Caution should be used when working with 254nm shortwave UV (UVSL-26P and UVS-26P models). Protective eyewear and clothing should be used. Unprotected exposure to shortwave UV can cause a delayed reaction of sunburn to eyes and skin. (See "replacement parts" for suggested protective products.)

Technical Information

- 4 lbs. (1.8 kg)
- 10"H x 5.5"D x 3"W (254mm x 140mm x 76mm)
- Available in 120V/60Hz and 230V/50Hz; 1.0 Amp rating
- Gel-based lead acid battery

Lamp Intensities

The following table provides lamp intensities in microW/cm²:

TYPE OF LAMP	at 3" (7.6cm) battery
Shortwave 1 Tube	1,010
Shortwave 2 Tubes	1,300
Longwave 1 Tube	660
Longwave 2 Tubes	1,050
Longwave and Shortwave UVSL26P (filter) 1 Tube	LW=1,010 SW=1,140

Battery: Operation from fully charged lead acid battery