

# Anthony Products Fiber-optic Lightsource Manual



□ *APFL-150T 150w Single Turret Lightsource*



□ *APFL-250T 250w Single Turret Lightsource*



□ *APFL-152T 150w Dual Turret Lightsource*

# Operating Instructions

## APFL-150T & APFL-250T Single Turret Lightsources

1. Insert the fiber-optic cable into the cable receptacle on the front of the unit. The larger end (handle) of the cable is plugged into the unit.
2. Plug the power cord into the proper voltage electrical outlet (voltage requirements are listed on the back of the unit).
3. Turn the power switch to **ON** position. This will activate the fan and the power light indicator.
4. Turn the intensity knob to desired setting.

## APFL-152T Dual Turret Lightsource

1. Insert the fiber-optic cable into the turret port cable receptacle on the front of the unit. The larger end (handle) of the cable is plugged into the unit.
2. Plug the power cord into the proper voltage electrical outlet (voltage requirements are listed on the back of the unit).
3. Turn the power switch to **ON** position. This will activate the fan and the power light indicator.
4. Turn the intensity knob to desired setting.

## General Precautions

1. Do not look directly into the fiber-optic cable receptacle on the lightsource while the unit is turned on. Do not look directly into instrument end of the fiber-optic cable when the lightsource is turned on.
2. Do not enclose, obstruct or cover lightsource vents while in use. A constant flow of air is required for proper cooling.
3. Before plugging the lightsource power cord into any power outlet, be sure that the lightsource voltage range marked at the rear of the lightsource matches the voltage range used in the hospital or office. Voltage should not exceed 120 volts. Any modifications to the lightsource should be done by the manufacture, if necessary.
4. Be certain to replace a bad lamp following any surgical procedure to insure maintenance of the back-up channel. Be certain to allow the lightsource to cool before replacing any lamp in the system. **DO NOT LEAVE A LAMP SOCKET EMPTY UNDER ANY CIRCUMSTANCE.**
5. To prolong the life of the lamp and electronic components, turn the intensity switch to the **OFF** position and allow the lightsource to cool at least 5 minutes after each use. Lamp manufacture estimates that the average DNF lamp life is 25 hours and EZG lamp life is estimated at 75 hours.
6. When turning off the lightsource, first turn the intensity knob to **MINIMUM** position, then, return lamp selector to the neutral (center) position, and allow fan to run at least 5 minutes, or until the air coming from the back of the lightsource is completely cool, to cool lamp. After the lamp has cooled, turn power switch to **OFF**.
7. The outer case of the lightsource may occasionally need cleaning. Use a clean, damp cloth and a mild detergent to wipe the outer surface. Do not sterilize.

## Troubleshooting the Lightsource

1. **The power light is on, but light does not emit from the port:**
  - Check to insure that the intensity knob is turned to maximum point.
  - Check for a blown lamp. If the lamp is blown, replace lamp.
  - Check to make sure the fuse has not been blown. If it has, replace it.
2. **Lightsource will not operate and the power indicator is not lit:**
  - Check the power at the electrical outlet.

- Insure access door on the bottom of the lightsource is closed and latched securely.

**3. Voltage at the electrical outlet matches the rating on the serial number plate, but the unit will not come on:**

- Contact Anthony Products at 1-800-428-1610.

**4. Power light comes on and the fan runs, but the lamp will not light after checking steps 1-2**

- Contact Anthony Products at 1-800-428-1610.

**NOTE: Field repairs without prior authorization will void your warranty.**

## Lamp Replacement

1. Allow the lightsource to cool completely before attempting to change the lamp.
2. Turn the lightsource **OFF** and disconnect the power cord from the wall outlet.
3. Place the lightsource on its side. Supporting the lightsource with one hand, turn the stud (screw) counterclockwise one quarter turn with a quarter or screwdriver. The lamp should now be accessible.
4. Holding the lightsource firmly, pull lamp holder handle toward you and lamp will come out of the lamp holder. Unplug the lamp from the lamp socket.
5. Insert new lamp into lamp socket and then slide lamp to lamp holder, insuring the lamp reflector faces the light guide port.
6. Close the door and secure into position by turning the stud (screw) clockwise one quarter turn.
7. Plug the power cord into the wall outlet and the lightsource is ready to be used.


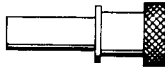


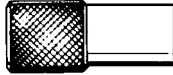
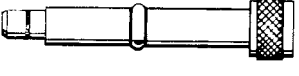

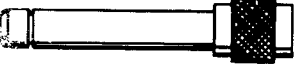


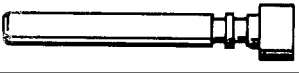
## Replacement Parts, Cable & Connectors



### CU-TC225 Fiber-optic Cable

- Standard length: 7 1/2 ft.
- Standard bundle size: 5mm

### CU-EJA Replacement Bulb for use with APFL-150T, APFL-250T & APFL-152T

FIBER-OPTIC CABLE ADAPTER GUIDE	
Universal Instrument Adapters	Universal Lightsource Adapters
 <b>CU-SIAKO</b> K. Storz/Olympus	 <b>CU-SLAKS</b> K. Storz
 <b>CU-SIAWF</b> Wolf/Dyonics	 <b>CU-SLAWD</b> Wolf/Dyonics
 <b>CU-SIAAF</b> ACMI	 <b>CU-SLAAO</b> ACMI/Olympus
 <b>CU-SIAWM</b> Wolf/Dyonics male	 <b>CU-SLAMC</b> Machida
 <b>CU-SIAAM</b> ACMI male	 <b>CU-SLAPT</b> Pentax
	 <b>CU-SLAFS</b> Fujinon

## 10 YEAR LIMITED WARRANTY

Your Fiber-optic Lightsource (models APFL-150T, APFL-250T and APFL-152T) carry a 10 year warranty from the date of purchase on workmanship and all defects of material excluding fiber-optic cable and lamps. Should your product prove to have such defects within ten (10) years of the purchase, **Anthony Products, Inc.** will repair or replace the product or component part without charge. Should your fiber-optic product(s) need servicing under this warranty, you should call the phone number below to receive a Return Authorization Number. Then, carefully pack the unit in a sturdy carton, and ship it to the address below. Please include a note describing the defects, your name and a return address. Warranty does not cover equipment subject to misuse, accidental damage, or if transferred to a new owner without authorization from **Anthony Products, Inc.** This warranty gives you specific legal rights and you may also have other rights that vary from state to state.

## POST WARRANTY REPAIRS

You may return your product(s) for repair, shipping prepaid to the address below, with \$10.00 to cover handling. Your product will be inspected and an estimate of the repair charges will be submitted to you for approval. Payment must be received before repairs are completed.



anthony products, inc.

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