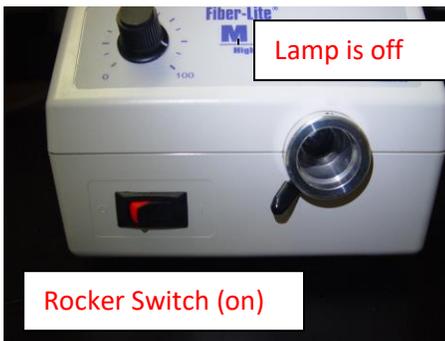


### Fan not working:



If everything else works but the fan, the fan is broken and needs to be replaced. Air flow should be outward from unit. Check owner's manual for correct part number for your fan or contact customer service for assistance.

### Lamp not working:



If fan is working, but the lamp will not illuminate, check lamp (are you using the correct lamp specified for your unit?), check owners manual for proper lamp for your unit. Replace lamp with new lamp. **Read lamp replacement instructions before replacing lamp.**

Check to see if your lamp socket is burnt or worn out. Replace lamp socket or return to factory for replacement. **(If replacing yourself read all lamp socket replacement instructions before proceeding).**



### Lamp and Fan not working:



If the fan does not work, and the entire unit has no power, check fuses (are you using the correct style and value fuse?) check owners manual to find correct fuse specified for your unit, replace with known good fuse. Be aware that slow blow fuses cannot visually be determines bad.

If the fan does not work and the lamp is also off, it is a possibility that the interlock safety switch is not engaging properly. Depending on model Illuminator switches are located in different places.

- On MI-150 Series switch is located by the door. If the door is open the switch is out and the unit will not have power, if the door is closed the switch is engaged and the unit will have power.

- On DC Series switch is located behind the nosepiece. Make sure the nosepiece is completely inserted into unit pushing the switch.

- On 180 series the switch is in upper left hand corner when you lift lid. Switch must be pushed down to be engaged.



### Lamp is dull:

If both your lamp and fan are working but you are unable to control with the intensity control knob. Check the Remote switch in rear of unit (on DC and PL series). If the unit is not being used in remote application and the switch is in remote mode the controls will not function properly. Switch unit into local mode and check if unit functions.

-Lamp may be dull do to bad lamp. Replace lamp with new lamp.

-Lamp Socket may be worn and not making a good connection. Replace lamp socket or return to factory for replacement. **(If replacing yourself read all lamp socket replacement instructions before proceeding).**



### Fan is turning slowly:



Fan is not getting enough voltage to turn. Check to make sure you are supplying recommended voltage for your unit and have the proper line cord.

May have wrong or faulty fan in unit. Check owner's manual for proper fan part number for your voltage configuration.

### Fuses keep blowing:



Fuses blow shortly after powering on, check lamp socket. Check to see if your lamp socket is burnt or worn out. Replace lamp socket or return to factory for replacement. **(If replacing yourself read all lamp socket replacement instructions before proceeding)**

Wrong fuse may be installed in your unit. Most units require slow blow fuses. Check your owner's manual for correct fuse for your unit and replace with proper fuse.



**Intensity control is not working:**



If both your lamp and fan are working but you are unable to control with the intensity control knob. Check the Remote switch in rear of unit (dc and PL series). If unit is not being used in remote application and the switch is in remote mode the controls will not function properly. Switch unit into local mode and check if unit functions.

If both lamp and fan are working and you are unable to control intensity with the intensity control knob the unit may have a bad intensity control board.



**Unit is making a humming noise:**

Often times the unit makes a humming because the unit is not seeing the proper voltage. Check to make sure the voltage you are supplying is the recommended voltage for your unit.

Humming may also be caused by the fan being slowed down. Make sure the internal wires are not touching the fan.

Look through back of unit and make sure the proper fan has been installed into your unit. If you have a 115V unit make sure the fan also states that it is 115V. If it is a 230V unit, make sure it says that it is a 230V fan.

This could also be caused by a bad transformer. If all above recommendations (a-c) checks out ok try replacing transformer with designated transformer for your unit.



**Unit is overheating and shuts down:**

Check to see if your fan is running. If fan is not running you may have a bad fan and need to replace. Make sure no wires are preventing fan from moving.

If fan is running but slowly. Make sure unit is being supplied recommended voltage. Make sure no wires are preventing fan from moving.

Check to make sure unit is in well ventilated area. Make sure that nothing is blocking air flow from back or bottom of unit.

