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**Supplemental Instructions
for mounting a
Modified SpectraPro Light Source
to a Model FA-448 Filter Assembly**

This Modified SpectraPro light source is supplied with an extended focus for use with a standard Model FA-448 filter assembly. An adapter plate is provided for mounting the Modified Light Source to a Mode FA-448 filter assembly.

Note: If the Modified SpectraPro Light Source is to be used without a filter assembly, a 3/4" spacer must be installed in lieu of the filter assembly for mounting the light source. To install the light source and filter assembly (or optional 3/4" spacer), the following procedure is recommended:

1. Locate the Model FA-448 filter assembly and its instruction manual (or optional 3/4" spacer).
2. Locate the light source, a plastic bag of screws supplied and a 1/4" thick adapter plate. Open the bag and remove the (3) 8-32 x 1 1/8" long cap screws. Become familiar with the 1/4" thick adapter plate.
3. Position the filter assembly with the motor in the lower right hand corner (or 3/4" spacer with the red dot up).
4. The filter assembly (or 3/4" spacer) mounts between the adapter plate and the entrance slit of a SpectraPro Monochromator. Place the adapter plate in front of the filter assembly with red dot up and the (3) counter bored holes facing outward. Align the (3) clearance holes in the filter assembly with the (3) counter bored holes in the adapter plate. Insert the (3) 8-32 x 1 1/8" long cap screws into the counter bored holes and through the filter assembly.
5. Using the (3) screws inserted in step #4, attach the filter assembly (or 3/4" spacer) and adapter plate to the entrance slit of the SpectraPro Monochromator. Tighten the screws.
6. Remove the (2) shoulder screws from the plastic bag. Insert the (2) shoulder screws in the (2) tapped holes along the lower edge of the adapter plate.
7. Remove the four (4) slotted screws from the top of the light source, then remove the cover.

Do not touch the lamp (bulb) or the surface of the focusing mirror

8. Carefully slide 2 of the 3 “key hole” type slots in the light source mounting flange over the 2 shoulder screws in the adapter plate. The light source mounting flange has (4) clearance holes in line near the top edge. Assure that the inner pair of clearance holes in the light source mounting flange align properly with the two tapped holes along the upper edge of the adapter plate.
9. Insert the (2) 8-32 x ½” cap screws from the plastic bag in the inner pair of clearance holes in the light source mounting flange and tighten.
10. Replace the light source cover.

The FA-448 Filter Assembly and Modified Light Source are now ready for use. Refer to the filter assembly and light source Instructions for operation.