

Thank you for your purchase of the **SUN-1** lamp with controller. This device is extremely well made and will provide years of trouble free use.

Notes

Please consider the following notes when using the **SUN-1**:

- The lamp houses a dichroic reflector which dissipates 60% of the heat generated by the bulb. Consequently, the sample is exposed to less radiant heat at the expense of a warmer lamp head. Use care when making adjustments to the lamp head as it may be warm to the touch.
- We recommend placing a paper towel under the magnetic base during initial placement as the magnet is very powerful and you may find it difficult to reposition the lamp once it has attached to your tabletop. The paper towel will reduce the coupling strength between the magnet and tabletop.
- If the lamp does not light when the controller is powered, first check to see if the switch at the base of the gooseneck is turned on.
- A dual function rack mount controller is available.

Assembly

1. The lamp is shipped with magnetic base separate. Attach the magnetic base to the bottom of the lamp assembly using the four supplied screws.
2. Make sure the power switch on the base of the lamp is in the *on* position.
3. Place the lamp into position in the cage, run the lamp cable to the control unit and plug it into its connector.
4. **IMPORTANT: Make a ground connection from the GREEN BANANA JACK on the lamp controller to the common ground of your setup. If this connection is not made the lamp will radiate EMF into your Faraday cage.**
5. Plug the power adaptor into a convenient wall a plug, power the device and test for operation.

Specifications

Lamp:	High impact polyamide housing; swivel head; spot reflector; clear lens, Halogen bulb, dichroic reflector; 12W-12V
Gooseneck:	1.4 cm dia. x 30.5 cm length; with PVC sleeve
Tabletop Controller:	Eight position with on/off switch; 120 V wall mount adapter

Replacement parts

SUN-DCH	Replacement 12W-12V Dichroic bulb for SUN-1 lamp
---------	--------------------------------------------------