

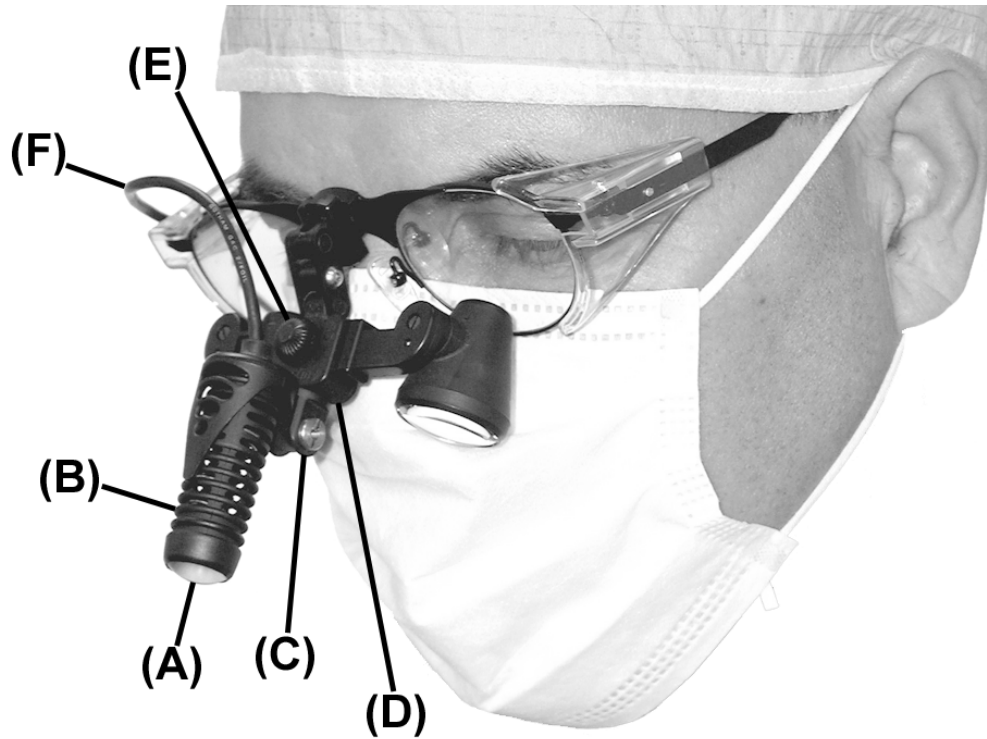
# **SurgiTel<sup>®</sup> Systems**

**General Scientific Corporation**

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**USER INSTRUCTIONS** (P/N: 23825)  
**Mini-Halogen Light**





## ***SurgiTel*® Mini-Halogen Light**

**CUSTOMER RECORDS:**

NAME: \_\_\_\_\_

ORDER No: \_\_\_\_\_ CUST. ID(Ph.#): \_\_\_\_\_

DATE OF PURCHASE: \_\_\_\_\_ FROM: \_\_\_\_\_

MODEL: \_\_\_\_\_

ACCESSORIES: \_\_\_\_\_

SERVICE RECORD: \_\_\_\_\_

\_\_\_\_\_

## **INTRODUCTION**

Thank you for choosing **SurgiTel®!**

Your **SurgiTel®** Mini-Halogen Light, one of the most compact and lightweight, will instantly help you realize a greatly enhanced image with a more true to life color. You will now also be able to see deep inside cavities and openings without having shadows from co-workers and tools inhibiting your view.

## **MOUNTING, ROUTING, and REMOVING THE LIGHT**

(See diagrams shown on the back)

**To Mount**, hold onto the link-hinge of your telescopes while pushing the clip-on mount of the light under the PD Knob of your telescopes until they snap in.

**To Route**, attach the white stick-on wire clip on a side shield, clip the light wire in, route over the ear and then diagonally across your back, securing it to your garment near the opposite lower side with a clear garment clip.

**To Remove**, hold onto the link-hinge of your telescopes, pull the light while twisting to the side slightly.

## **FEATURES** (refer to the picture on pg.2)

### **(A) LIGHT LENS**

**(B) OUTER SHELL:** Adjusts the light beam diameter (focus) by rotating it with your fingers. **Rotate at the most forward part of the outer shell due to heat.**

**(C) BEAM DIRECTION BASE:** Adjusts the co-axial direction of the beam by pivoting vertically or by rotating.

**(D) CLIP-ON MOUNT:** Allows the light to be clipped on to your telescopes.

**(E) P.D. KNOB:** **Light clips BELOW this, not above.**

### **(F) LIGHT WIRE**

## **CHANGING THE BULB**

(See diagrams shown on the back)

Turn the light off and let it cool before changing the light bulb.

Point the light downward and rotate the Outer Shell outward until it is removed from its base. A spring, washer, and inner bulb cover should remain loosely inside the Outer Shell. Ensure the proper alignment by keeping the Outer-Shell lens-side down. Remove the bulb by pulling straight out with your fingers. Push a new bulb back into the socket. Be careful not to touch the crystal with your fingers. Then reassemble the Outer-Shell onto the base and adjust the beam size. If internal parts are not properly maintained, place the inner bulb cover back onto and around the bulb, slide the washers over it and down near the base, and place the spring over the inner bulb cover on top of the washers. Finish by screwing the Outer-Shell onto the light base and adjusting it for focus and light diameter.

## **CLEANING & DISINFECTION**

Only do this for the Outer Shell. In some cases, the inside of the Light Lens should be cleaned using a cotton swab and isopropyl alcohol. Always disconnect from the power source before cleaning and allow to cool. DO NOT attempt to clean the bulb!

DO NOT use disinfectants containing *glutaraldehydes* or *iodophors*, DO NOT autoclave, DO NOT immerse in water or any liquid.

**Cleaning:** Apply isopropyl alcohol with a soft cloth until particles are loosened. Wipe with clean damp cloth and air dry.

**Disinfection:** Wipe w/ Lysol® or isopropyl alcohol. Let stand for 5 minutes and dry.

## **WARRANTY & CUSTOMER SERVICE**

General Scientific Corporation (GSC) guarantees the integrity of its products from defects in material and workmanship through limited repair and/or replacement of defective parts. Prompt inspection and reporting of missing or damaged product(s) should be reported to the shipping carrier and GSC within 3 days of receipt. Any attempt to repair lights or light power sources (e.g. battery pack or source box) other than with GSC, will void the warranty. For returns, repairs, refurbishments, or exchanges; suitable, clean packaging and delivery to GSC is the responsibility of the customer, while GSC will cover costs of return to the customer (excluding refurbishments). Under special circumstances GSC will cover incoming ground transportation for products which GSC deems defective upon receipt by customer. **BEFORE SENDING ANY PRODUCT BACK TO GSC, YOU MUST CALL CUSTOMER SERVICE PRIOR TO SHIPMENT IN ORDER TO OBTAIN A GSC TRACKING/RMA #. ANY PACKAGES SENT TO GSC w/o GETTING THIS # WILL RESULT IN SIGNIFICANT PROCESSING DELAYS**. For International Customers who purchased their product with a distributor in their respective country, all service-related requests must be handled through them and not GSC directly.

*Mini-Halogen Light, Battery Pack* 1-Year Limited Warranty

*Mini-Halogen Light Accessories* 30-Day Limited Warranty

### **Limitations of Warranty (Conditions Not Covered):**

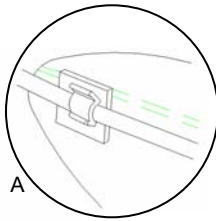
Deterioration or failure due to misuse or improperly following instructions and/or warnings; Items which have a known life based on use (e.g. bulbs, fiber optic cables, batteries); Nicks & scratches on optical surfaces caused after delivery; Accidents or conditions of use considered negligent by GSC.

**GSC Customer Service – 1 800 959 0153**

# ADDITIONAL INSTRUCTIONS FOR SurgiTel® MINI-HALOGEN LIGHT

## ROUTING THE WIRE

Put stick-on wire clip onto side shield, open-side up.

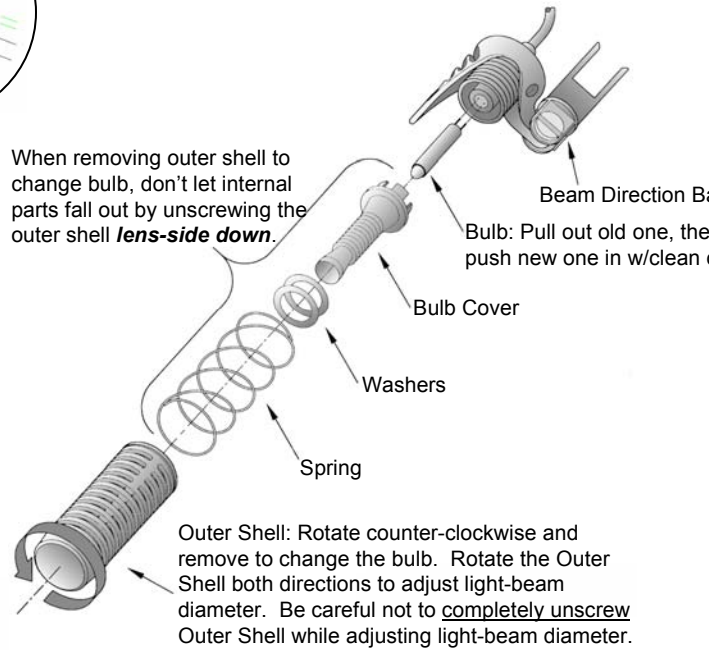


Route wire through garment clip and attach at bottom of opposite side



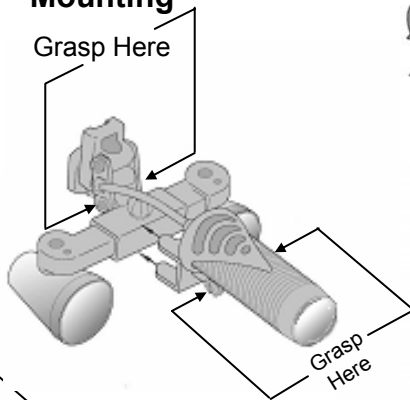
## CHANGING THE BULB

When removing outer shell to change bulb, don't let internal parts fall out by unscrewing the outer shell **lens-side down**.



## Mounting

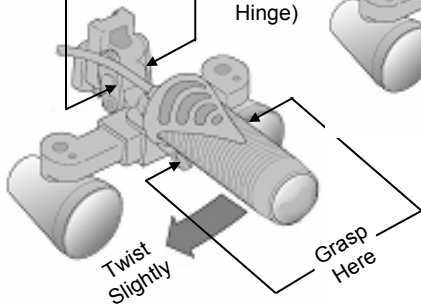
Grasp Here



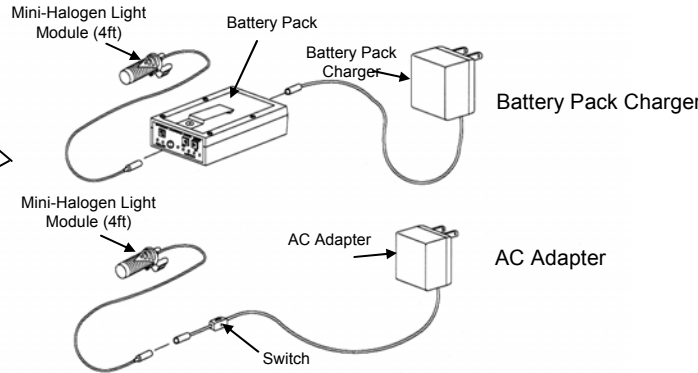
## Removing

Grasp Here

(Bottom of Link-Hinge)



**DO NOT grab or misalign telescope oculars!**  
**DO NOT pull or push the outer shell!**

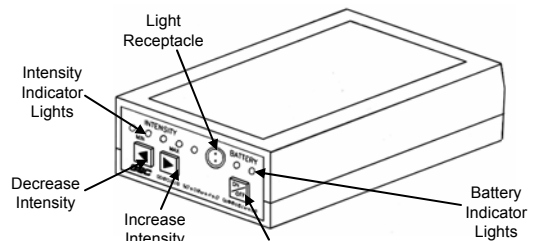


## Connecting to Power Source

BE CAREFUL when connecting to the Battery Pack or AC Adapter. **If not done carefully, then the connection prongs can break.** Properly align the connection, CONNECT STRAIGHT-IN and GENTLY! DO NOT TWIST or ROTATE when connecting!

## Battery Pack Operation

Description of battery modes, indicated by the front panel lights, are listed on the front of your battery. To charge your Battery Pack, connect Battery Charger to the receptacle at the end of Battery Pack. You may use the battery while charging. Keep Battery Pack connected to the charger when not in use to assure charge.



## Warnings & Safety Precautions

### HEAT WARNING!

All Halogen light bulbs operate at very high temperatures.

DO NOT operate in close proximity to combustibles.  
DO NOT change the bulb until you have disconnected from the power source and allowed ample time for the light to completely cool.  
DO NOT adjust the focus of the light too far past its sharpest edge as outer shell of the light assembly may separate and/or cause injury.  
Use caution when focusing the light beam.  
The front of the outer shell is coolest to touch.