

# LITE WAND XE

## Care and Maintenance

### *Please read before use*

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#### Indications for Use:

The Thompson Surgical Instruments, Inc. Lite Wand Xe is intended as a task light for surgical procedures. It is designed to be used in conjunction with a retractor system which it can attach to through the use of a Cam Joint. The Lite Wand Xe is designed to provide visible illumination of the surgical field or the patient through a xenon light source only. The Lite Wand Xe is designed to be used by surgeons and other medical care practitioners in a surgical setting.

#### **CAUTION**

- Do not use Lite Wand Xe if damaged.
- Do not operate Lite Wand Xe while hot. Allow Lite Wand Xe to cool to avoid breakage.
- Do not allow Lite Wand Xe to contact any sharp edges or pointed objects. Extensive fiber breakage could occur.
- Do not leave end-fitting face unprotected; scratches can degrade performance.
- Do not abuse, kink, pull, or stretch the Lite Wand Xe. Damage to enclosed glass optical fibers will result in light transmittal losses.
- Do not attempt to slide Lite Clip off distal end of Lite Wand Xe. Instead, push Lite Clip off the side of the Lite Wand Xe with fingers.
- Do not lever off of Lite Wand Xe or Lite Clip when attached to retractor blade with other instrumentation.
- Do not soak Lite Wand Xe in Cidex. Employ only the sterilization measures stipulated in this insert.
- Do not drape or cover any end of fiber optic cable with any flammable material or item.
- Product contains silicone.
- Do not use Lite Clip on lipped blades or blades thicker than 2mm. May cause Lite Clip to weaken or break.

#### PROPER CARE AND MAINTENANCE

The Lite Wand Xe should be utilized without alteration to its original design or fabrication. Treat the glass surfaces at each end of the Lite Wand Xe as you would any fine optical device. The apertures (bundle sizes) of the Wand must be matched to obtain maximum efficiency in light transmission. The Lite Wand Xe is for 300W and lower xenon light sources meeting IEC 60601 or equivalent national standards only.

Replace Lite Wand Xe when fiber bundle light transmission output decreases by approximately 30%.

#### Cleaning and Sterilization

##### Manual Cleaning

The Lite Wand Xe must be manually cleaned prior to Sterilization.

Use caution when handling the Lite Wand Xe after use. The proximal end could be hot; allow instrument to cool to avoid breakage.

1. With the distal end pointing at a downward angle, use a soft bristled brush to gently scrub the instrument under warm running tap water, for a minimum of one minute.
2. Rinse and actuate the Lite Wand Xe to ensure all areas are accessed by the running water.
3. Prepare a warm water soap solution, using non-oily cleaner or mild detergent.
4. Dip the soft bristled brush into the detergent and use it to gently scrub the Lite Wand Xe until all visible soil is removed.
5. Rinse the instrument under warm, gently running tap water, distal end pointing down.
6. Repeat Steps 1 – 5.
7. Dry the Lite Wand Xe's using a clean, soft, lint-free cloth. Visually inspect the cloth to ensure no visible soil remains.\*

\* If visible or residual soil is found, entire Manual Cleaning process must be repeated

**DO NOT** immerse or rinse in cold water or other fluid, to avoid glass fiber breakage. Extensive breakage will result in light transmitting losses.

##### Sterilization

The Lite Wand Xe, Lite Clips and Lite Wand instrument case may be sterilized according to the recommendations below.

##### **Steam Autoclave Sterilization\*\* (Wrapped)**

Sterilizer Type: Prevacuum

Preconditioning Pulses: 3

Minimum Temperature: 132° C (270° F)

Full Cycle Time: 3 minutes

Minimum Dry Time: 30 minutes

(Wrap instruments in two layers of 1-ply polypropylene wrap, using sequential envelope folding techniques.)

\*\*The Lite Wand Xe will survive a maximum of 100 cycles of steam autoclave sterilization.

##### Warranty

The Lite Wand Xe is warranted to be free from defects in materials and workmanship under normal operating use for 60 days from the date of delivery. Fibers are not warranted against breakage. Please be cautious when handling and avoid stepping on or kicking the fiber optic cable to prevent damage.

Suitability for use of the Lite Wand Xe for any surgical procedure shall be determined by the user. Thompson Surgical shall not be liable for incidental or consequential damages of any kind. Warranty is void if the Lite Wand Xe is used with xenon light sources over 300W.

##### Service and Repair

For service, repair, or for return authorization, call our toll free number: 1-800-227-7543.