

# Orascoptic DK™

## INSTRUCTION MANUAL

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# ORASCOPTIC DK™ LED LIGHT SOURCE INSTRUCTIONS

## **OPERATION AND FIRST TIME USE:**

Remove the strip isolating the batteries from the back of the LED Light Source by moving the end cap by turning counter clockwise. When replacing the end cap make sure the cap goes on straight and then rotate the end cap clockwise until the light comes on. The end cap incorporates a push-button switch, which can be momentarily activated by unscrewing the cap slightly and depressing the black button.

## **ATTACHING ACCESSORIES:**

Insert the accessory into the plastic chuck with firm pressure. The stainless steel ferrule at the end of the accessory should be covered by the plastic chuck and a slight click may be heard. To remove, rotate slightly and pull on the accessory at the same time.

**If the LED Light Source is to be placed back into the original box, be sure the end cap is rotated sufficiently counter clockwise so that the light doesn't come on.**

## **MAINTENANCE:**

If the LED Light Source is not going to be used for more than six months, it is recommended that the batteries be removed.

**When replacing batteries, it is important that they be placed in proper polarity. Place each battery with the positive (+) terminal in the front towards the LED.**

## **CLEANING – HOUSING:**

The aluminum housing can be wiped down with most any disinfectant. Do not spray disinfectant onto unit.

**Be especially careful not to get disinfectant into the front of the chuck assembly, since this could damage the LED contacts or reduce the light output. DO NOT AUTOCLAVE.**

# ORASCOPTIC DK™ ENDO/PERIO PROBE INSTRUCTIONS

## ENDO PROBE INTENDED USE:

1. Visual inspection of the root canal. This is a very high intensity light in a 1.0 mm diameter fiber making it ideal for endo, perio or surgical procedures.
2. Transillumination of the root when examining for root fractures. This procedure is used when an endodontically treated tooth that is missing a crown is suspected of being fractured.
3. Examination for proximal caries on posterior teeth. The Endo Fiber thin light guide can be inserted interproximally lighting up the marginal ridge area of both teeth, and showing caries as a shadow of proximal decay on the marginal ridge.

## PERIO PROBE INTENDED USE:

This is a high intensity light with a .75 mm diameter fiber. The distal end of the fiber is marked at 3, 5 and 7 mm, illuminated gradations making it ideal for identifying pocket depth in difficult to see areas. It's also useful in measuring gingival recession.

## INSTRUCTIONS:

Slide the plastic fiber tip all the way to the bottom of the Fiber Lite Instrument until it stops. Insert the Fiber Lite Instrument into the nose cone of the LED Light Source. Turn the LED Light Source on by twisting the bottom cap.

## CLEANING FIBER LITE INSTRUMENT BASE AND TIP:

The Fiber Lite Instrument base may be autoclaved, wiped with disinfectant, or heat sterilized. A chemclave is not recommended. The plastic fiber tip is disposable.



**DO NOT AUTOCLAVE THE LED LIGHT SOURCE. DOING SO WILL VOID YOUR WARRANTY. DO NOT AUTOCLAVE THE FIBER LITE INSTRUMENT WITH THE FIBER INSERT IN PLACE. DOING SO WILL VOID YOUR WARRANTY.**

## ORASCOPTIC DK™ TRANSILLUMINATOR INSTRUCTIONS

### INTENDED USE:

This 3mm glass light guide allows doctors to better visualize caries on anterior and posterior teeth.

### INSTRUCTIONS:

1. To visualize anterior proximal caries, place the probe on the labio-cervical region of the tooth and examine the surface from the lingual with a mouth mirror.
2. To visualize posterior proximal decay, place probe on the cervical area of the tooth, buccally or lingually. Light passes into the cervical tooth structure and then radiates occlusally. Caries appear as a dark shadow on the occlusal surface.

### CLEANING FIBER LITE INSTRUMENT BASE AND TIP:

The Fiber Lite Instrument base may be autoclaved, wiped with disinfectant, or heat sterilized. A chemclave is not recommended. The plastic fiber tip is disposable.

## ORASCOPTIC DK™ LIGHTED MIRROR INSTRUCTIONS

*The Lighted Mirror is a fiber optic attachment for the LED Light Source. The Lighted Mirror provides additional light for hard to reach areas. It has a front surface mirror design for clearer vision.*

### INSTRUCTIONS:

Insert the mirror attachment into the LED Light Source using firm pressure.

### MAINTENANCE & CLEANING:

The Lighted Mirror can be autoclaved or cleaned with disinfectant solution. A chemclave is not recommended.

# ORASCOPTIC DK™ BARRIER SLEEVE INSTRUCTIONS

## INTENDED USE:

The disposable Barrier Sleeve is for use with the Transilluminator. The custom sleeves fit tightly over the attachment and encompasses the entire LED Light Source to prevent cross-contamination after each patient use.

## ORASCOPTIC DK™ KITS & ACCESSORIES

### Orasoptic DK™ BASIC KIT

**P/N 910832-1**

*Storage Case  
LED Light Source  
Transilluminator - 3mm  
Barrier Sleeves (250/bx)*

### Orasoptic DK™ ENDO KIT

**P/N 910832-3**

*Storage Case  
LED Light Source  
Fiber Lite Instrument  
(2) 25pc Packs of Endo Fibers*

### Orasoptic DK™ PERIO KIT

**P/N 910832-2**

*Storage Case  
LED Light Source  
Fiber Lite Instrument  
(2) 25pc Packs of Perio Fibers*

### Orasoptic DK™ PRO KIT

**P/N 910832-4**

*Storage Case  
LED Light Source  
Transilluminator - 3mm  
Lighted Mirror  
Fiber Lite Instrument  
(1) 25pc Pack of Endo Fibers  
(1) 25pc Pack of Perio Fibers  
Barrier Sleeves (250/bx)*

### ITEM

### P/N

ITEM	P/N
LED Light Source	921755
DK™ Kit Case	921758
Lighted Mirror	921767
Transilluminator	921768
Fiber Lite Instrument	921769
Perio Fiber 25pk	921770
Endo Fiber 25pk	921771
Barrier Sleeve 250/bx	921772
Battery 3pk	921759

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