

Ti[☀]2200

**Transillumination
Cable**

 **Orascoptic**
A KERR COMPANY

Ti2200 Transillumination Cable

Included with this package – One (1) each of the following:

- Ti2200 Transillumination Cable
- Storage Case
- Instruction Manual

Instructions for Use

The Ti2200 Transillumination Cable is designed for use with both the Orascoptic Zeon Illuminator and the Orascoptic Zeon LumenArc light systems. The Ti2200 connects with either light source in the same fashion as the fiber optic headlight cable that is part of the original light system. You must remove the headlight cable in order to insert the transillumination cable.

To use the Ti2200, simply insert the end tip of the cable into the light source. The source box power can be either on or off at the time you insert the cable. Likewise, the power can be either on or off at the time you remove the end tip from the source box.



Zeon Illuminator



Zeon LumenArc

Transillumination is the technique of viewing fractures, endodontic orifices, and other clinical entities by passing an intense light through them. Transillumination is based on the fact that a healthy tooth structure will transmit greater light than a fracture or endodontic orifice.

To properly use the Ti2200 Transillumination Cable, place the light tip in direct proximity to a tooth. Focus the intense spot of light on the structure under examination. For best results, all other sources of light should be reduced to a minimum. It is not necessary to darken the room completely, but bright overhead lighting and the dental operating light should be turned off. Under these conditions, fractures and other clinical entities will appear as dark areas in the otherwise bright structure.

Note: For proper infection control, the Ti2200 must be used in conjunction with a disposable (single-use) protective sheath to prevent cross contamination after each patient use.

Place the sheath over the device so that it encompasses both the transilluminator tip and the handle. Dispose of the sheath after the examination is complete.



Maintenance

When not in use, it is recommended that the Ti2200 be stored in its plastic case to prevent unintended abuse or damage.

Precautions

1. DO NOT TOUCH THE PORT OF THE ILLUMINATOR OR LUMENARC LIGHT SOURCE WHEN IN USE. BURN HAZARD.
2. Never sharply bend or crush the cable. Fiber-optic strands may break, resulting in partial or total light loss. Position the light source so as not to expose the cable to crush or bending hazards.

Cleaning / Disinfection

For proper infection control, you must disinfect the Ti2200 handle and end-tip before initial use and prior to each patient use.

The fiber optic cable, stainless steel handle, and stainless steel transillumination tip can all be cleaned using either a phenol, quaternary ammonium disinfectant such as Cavicide,[®] or an alcohol-based disinfectant such as Lysol[®] brand. Do not spray disinfectant directly onto the unit, but rather use a disinfectant cloth or wipe (such as CaviWipes[®]).

DO NOT SUBMERGE IN WATER, COLD STERILANTS OR IN AN ULTRASONIC CLEANER. UNIT IS NOT WATERTIGHT.

DO NOT USE AN AUTOCLAVE, CHEMICLAVE, GLUTARALDEHYDE, IODOPHOR OR ANY OTHER STERILIZATION METHOD, OR DAMAGE MAY RESULT.

One-Year Limited Warranty

The Ti2200 Transillumination Cable (the “product”) carries a limited one-year warranty. The product is warranted to be free of defects in materials or workmanship for one year beginning on the date the product is purchased from Kerr Corporation. This product warranty applies only within the United States of America, Canada or sales to approved Kerr Corporation international distributors. Any customer residing outside of the United States of America and Canada accepts this product “as is” and without warranty of any kind. This warranty is non-transferable, and shall only apply for the original purchaser of the product, as identified in Kerr Corporation’s records.

This warranty does not cover damage caused by dropping, striking, bending, trauma to cable fibers, immersing in or spraying with any fluid, using caustic, acidic or discoloring disinfecting agents, modifying or altering the product or any other abuse, or normal wear and tear of the product and its components.

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Kerr Corporation continuously improves its products as a result of customer feedback. At time of shipment, products may reflect improvements in appearance or function.

U.S. Technical Support: 800-369-3698

Outside the U.S. Call Your Local Distributor

The logo for Orascoptic features a stylized, curved line above the word "Orascoptic" in a bold, sans-serif font.

Manufactured by:

Kerr Corporation

3225 Deming Way, Suite 190 • Middleton, WI 53562 USA

Phone: 608-831-2555 • Fax: 608-828-5265

www.orascoptic.com

In Canada: Synca • 800-667-9622

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