

**MICROLUX™ DIAGNOSTIC SYSTEM**

- Microlux Transilluminator kit: P/N 110019  
Includes 3mm black glass light guide, batteries
- Microlux Transilluminator kit: P/N 110026  
Includes 2mm black glass light guide, batteries
- 3mm Standard Black Glass Light Guide P/N 630003
- 2mm Micro Tip Glass Light Guide P/N 600045
- Pedo Light Guide, 2mm P/N 110066
- Fiber Optic Mirror Attachment 5 Pack P/N 640056
- Microlux Protective Sleeves (Box 250) P/N 600027
- AAA Size Battery (set of 2) P/N 630002
- Endo-Lite with 5 Replacement Light Guides P/N 640035
- Endo-Lite Refill Kit (Qty 45) P/N 640039
- Perio Probe with 5 replacement light guides P/N 640041
- Perio Probe Refills (Qty 45) P/N 640042
- Proximal Caries Attachment with 5 Replacement Light Guides P/N 640072
- Proximal Caries Refill Kit (Qty 45) P/N 640071

**Microlux DL & Rinse**

- Microlux DL Kit P/N 110035  
(Includes 6 Bottles of Rinse)
- Microlux DL Light Guide P/N 600053

**The Microlux Transilluminator and Microlux/DL for oral cancer screening are FDA cleared**

References: Friedman, J., Marcus, MJ: Transillumination of the Oral Cavity with use of Fiber Optics, J.A.D.A. 80: 801-809, April 1970. • Cortes, DF, Ekstrand, KR, et al: An in Vitro Comparison of the Ability of Fiber Optic Transillumination, Visual Inspection and Radiographs to Detect Oculusal Caries and Evaluate Lesion Depth, Caries Research 2000 34: 443-447. • Davies, GM., Worthington, HV., et al: British Dental Journal 191: 145-147, August 2001.

**OTHER ADDENT PRODUCTS**



◀ CALSET™  
Tri-Tray Composite Warmer  
P/N 110007-12



◀ Bio/Screen  
Oral Exam Light  
P/N 110090



◀ TRIMAX™  
Composite Instrument  
P/N 110001



◀ MICROLUX/DL™ KIT  
with 6 bottles of solution  
P/N 110035



◀ CoMax™  
Composite Dispenser  
P/N 120000



◀ Rite-Lite 2 TriSpectra  
Shade Matching Light  
P/N 110075  
Available with Polarizing Filter  
P/N 110075-PF



◀ OraBlu Lesion  
Marking System  
P/N 112001

**MICROLUX™**  
DIAGNOSTIC SYSTEM

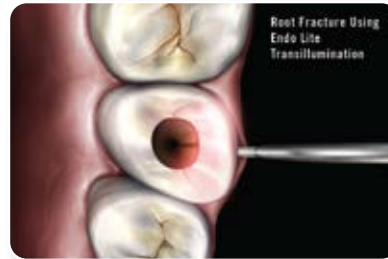
NEW HIGH INTENSITY  
LED TECHNOLOGY



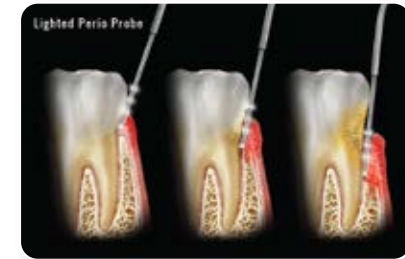
## TRANSILLUMINATION TECHNIQUES:



**Microlux Transilluminator:** Available with 2 & 3mm glass light guides which allows doctors to better visualize caries on anterior and posterior teeth.



**Root Fracture:** Root fractures can often be detected by using the Endo Fiber tip. Place it either buccally or lingually in the gingival sulcus. A fracture line will appear dark via transillumination from the outside to the inside of the canal. **Shown Above: P/N 640035**



**Periodontal Disease:** To detect the depth of the periodontal pockets and gingival recession, use the lighted Perio Probe and insert the tip in the gingival sulcus. The depth indications are 3, 5, and 7mm. **Shown Above: P/N 640041**



**Anterior Caries:** Anterior caries can be visualized by placing the probe on the labio-cervical region of the tooth and examine from the lingual. **Shown Above: 3mm P/N 630003, 2mm P/N 600045, Pedo P/N 110066**



**Posterior Caries:** Caries can be also detected using the Proximal Caries fiber tip. Place the lighted fiber tip interproximally under the marginal ridge. View from the occlusal. This method often shows caries with high definition. **Shown Above: P/N 640072**

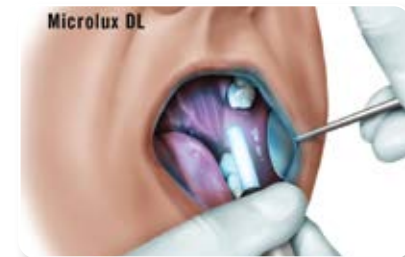


**Posterior Caries:** To visualize posterior proximal decay, place the probe on the cervical area of the tooth. Caries appear as a dark shadow on the occlusal surface. **Shown Above: 3mm P/N 630003, 2mm P/N 600045, Pedo P/N 110066**



**Root Canal Orifice:** To help locate root canal orifice, place the light source on the buccal or lingual cervical region of the tooth. **Shown Above: 3mm P/N 630003, 2mm P/N 600045, Pedo P/N 110066**

## OTHER MICROLUX APPLICATIONS



**Oral Cancer Screening:** For Oral Cancer screening, have the patient rinse with 1% acetic acid and place the MicroLux DL tip in mouth. Any acetowhite or leukoplakia lesions become more visible. **Shown Above: P/N 600053, DL Rinse P/N: 110030**

**Transillumination also helps to visualize:**

- Crown Fractures
- Root Canal Orifice
- Root Fractures
- All accessories are Autoclavable except for disposable fiber light guides
- Protective sleeves are available