

**MICROLUX DW**  
ADDENT INCORPORATED

Visualize the invisible world of  
**BACTERIA**  
and much more.

**THE MICROLUX DW ALLOWS FOR A MORE PRECISE EVALUATION.**

The Microlux DW uses dual wavelengths to detect abnormal conditions quickly and safely through white light transillumination and blue light fluorescence. It is Easy, Safe, and Efficient for everyday use. Simple color evaluation is intuitive and focused for all treatment protocols.

- Caries
- Bacteria in caries *S.mutans*, etc.
- Cracks
- Composite vs. tooth structure
- White spot lesions
- Biofilm
- Demineralization
- Plaque



ISO 9001 CERTIFIED & 13485 COMPLIANT | ALL PRODUCTS ARE FDA CLEARED

**AdDent**  
INCORPORATED  
Advancing Dental  
Excellence  
Made in the USA

## MICROLUX DW ILLUMINATOR

The Microlux DW Illuminator gives you the ability to do a complete evaluation with one, easy-to-use instrument. Being able to visualize defects in the dentition with the visible white light transillumination mode and bacteria with the fluorescence illumination mode. Gives you confidence in your evaluations and procedures.

The Microlux DW has a rechargeable battery and voltage regulator which provides consistent output for the L.E.D.s regardless of the battery level.

### FEATURES

- Ergonomic design
- White light & near UV modes
- Conveniently located control button
- Rechargeable battery
- Battery voltage regulator
- Battery low-level indicator
- Accepts all Microlux attachments.
- Auto turn off.

### BENEFITS

- Easy handling
- Better visualization of defects and bacteria
- Easy one-finger operation
- Operate all week on a single charge
- Constant light output
- Advanced battery charge indicator
- Multiple applications with one device
- Automatically turns itself off after 3 minutes of use to conserve battery.

## HOW THE MICROLUX DW AIDS IN EFFECTIVE EVALUATIONS

The Dual Wavelengths of the Microlux DW delivers all the benefits of enhanced visualization, which saves time and reduces costs. Used before doing any procedures it will help prevent failures and return visits.

Use of the Microlux DW visible white light transillumination as shown in figure 1.

- Visualizing teeth for cracks, fractures, calculus, and caries
- Visualize existing composites for marginal defects and microleakage
- Checking inlays and onlays for micro-cracks or crazes before cementation
- Evaluation of enamel discoloration, including white spot lesions
- Visualization of the root canal and root fractures

FIG. 1

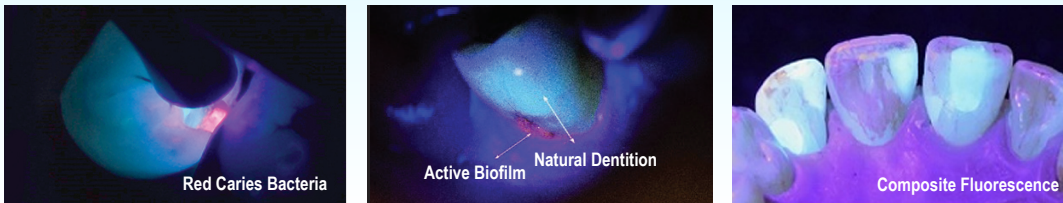


Images courtesy of Howard Strassler, DMD, Mark Pitel, DMD, and Dr. Alessandro Devigus

## USE OF THE MICROLUX DW FLUORESCENCE MADE AS SHOWN IN FIGURE 2

- Visualize Biofilm
- Visualize caries Bacteria
- Evaluation of White Spot Lesions and Demineralization
- Visualize Plaque for perio and implant maintenance
- Differentiate between tooth fluorescent vs non-fluorescent restorative materials

FIG. 2



Images courtesy of Dr. Stephane Browet

Microlux DW is Easy, Safe, Precise, and Efficient for everyday use.

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