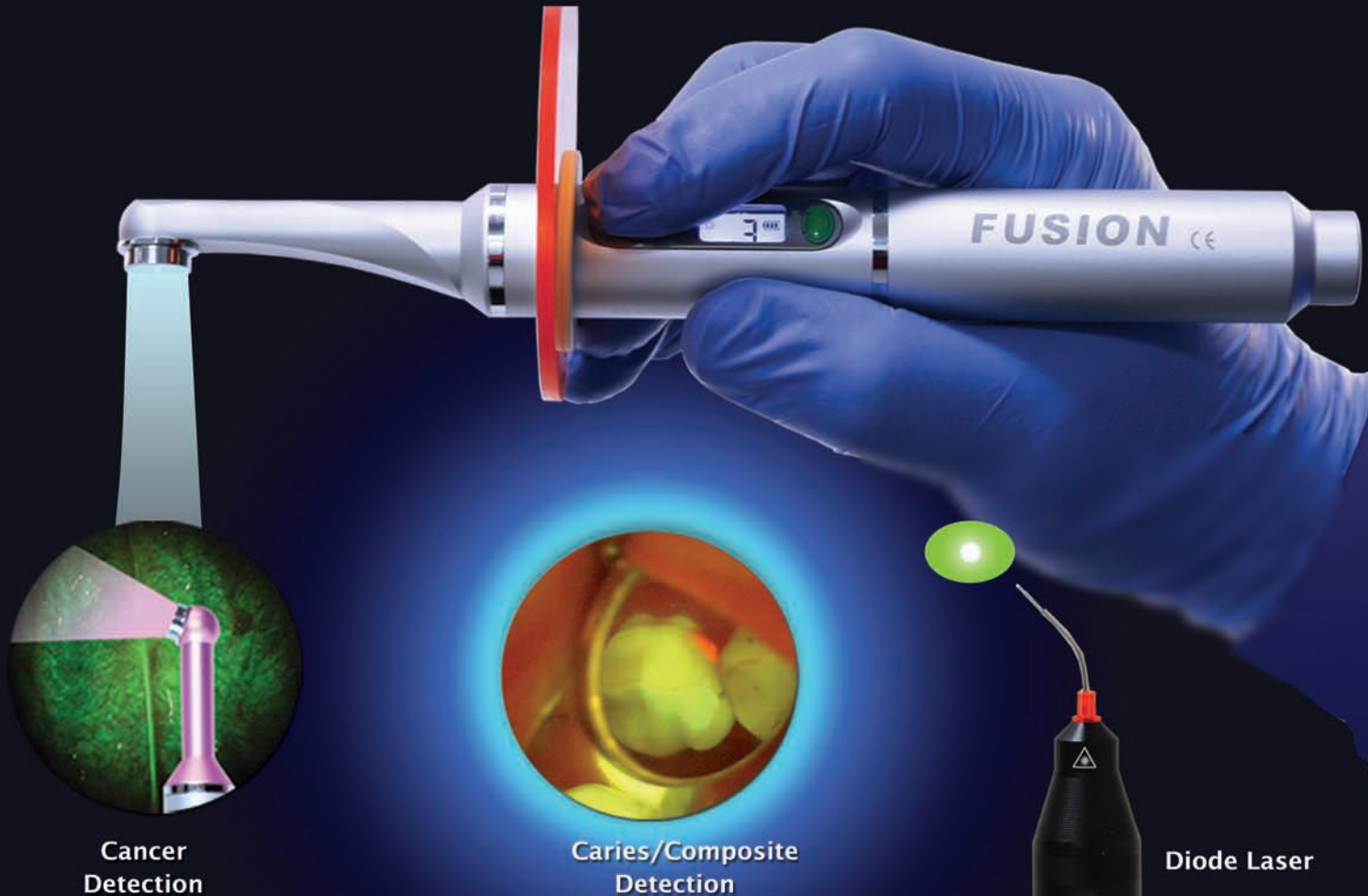


Effortless & Wireless

Handheld Products that Make a Difference Everyday



Cancer
Detection

Caries/Composite
Detection

Diode Laser

The Most Powerful and Dependable Platform!

3 seconds cure and much more ...

A phenomenal company that consistently develops products to meet dentists needs, Dr. Howard Glazer

FUSION Curing Light is a 21st century light that is versatile, cost-effective, and valuable in everyday practice. Adding to the value is the ability to conduct oral cancer examination.

Dr. Howard Glazer

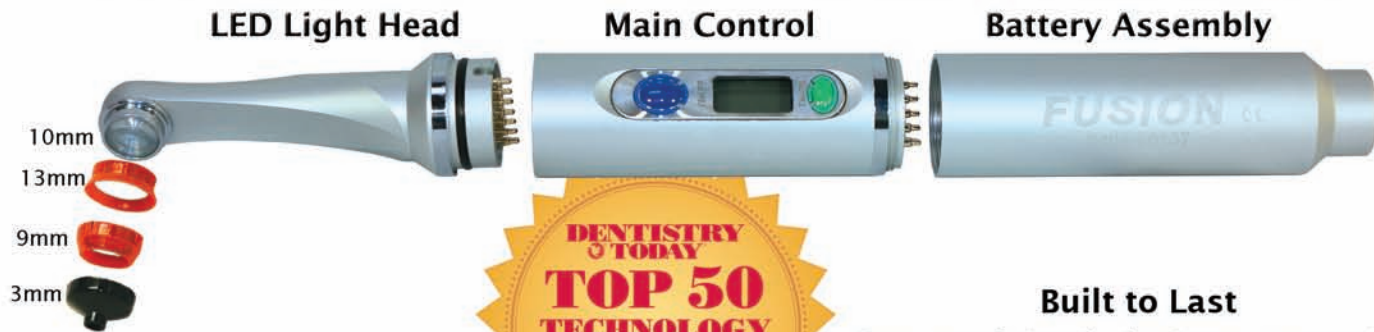
DentLight



FUSION Platform

Power in the Palm of Your Hand

- Unique focused beam and advanced backlit LCD display:
 - 4000 mW/cm² high power mode
 - 2000 mW/cm² low power mode
 - Built-in diagnostic and treatment modes
- Wide wavelength spectrum
 - 420 - 490nm (FUSION⁵ and FUSION twinhead)
 - 385 - 490nm (FUSION Plus/Grand)
 - 660/810nm (PDT/PBM)
- Smart Lithium-Ion Battery You Can Count On!
 - 120+ minutes run time at constant output
 - Cordless with direct power plug backup
 - 90 minutes fast recharge time
- Slim and ergonomic modular design
 - 360° swivel light head
 - Easy upgrade and service parts
 - Common platform for Ultrafast laser upgrades

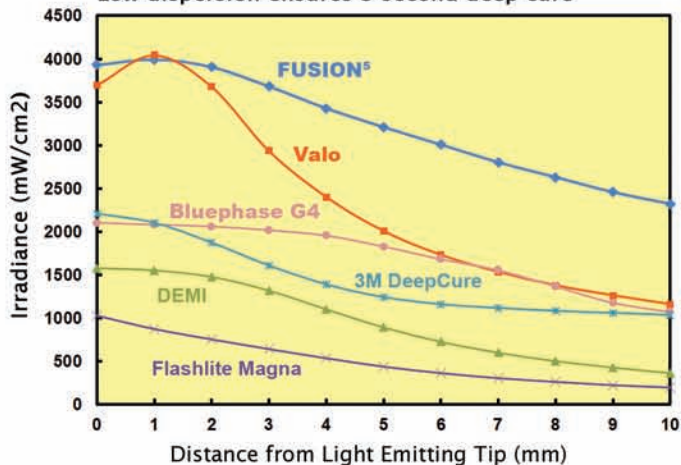


Built to Last

Drop-proof aircraft aluminum construction

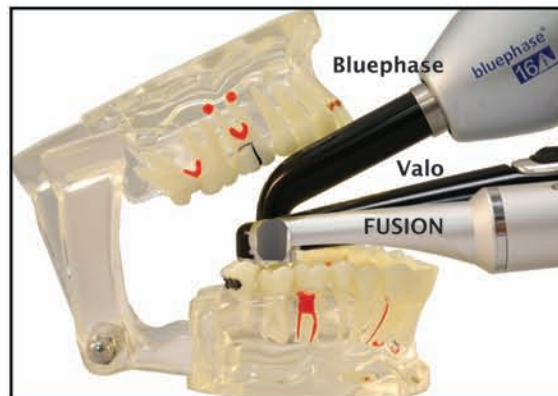
Focused Beam

Low dispersion ensures 3 second deep cure



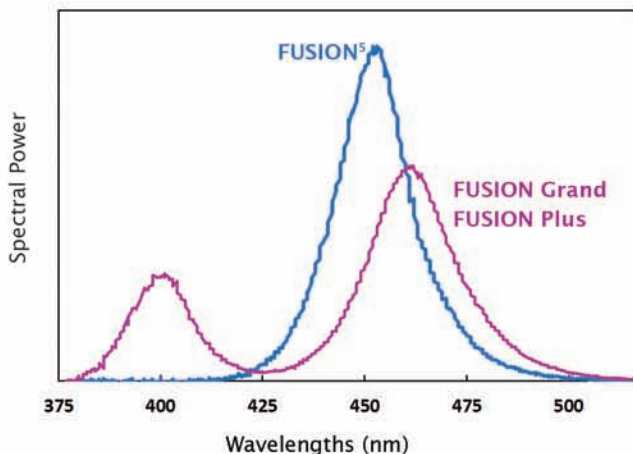
Lowest Profile

Small 90° head ensures the most patient comfort



Unmatched Accessibility

Optical Spectrum



Add-on Functions with Interchangeable Head



Twinhead for bulk cure
PN 7810060



FUSION Grand/FUSION Plus
7830060/7820060



Ultrafast Laser
7300100



Caries/Cancer Detection
PN 7500152



Transillumination
7800060W



PDT/PBM
7800060RIR

DOE Diagnostics

Dental Oram Exam made easier

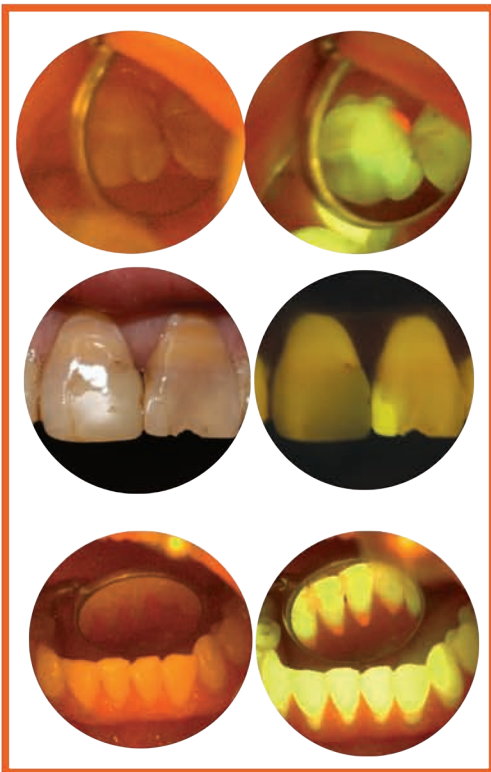
See the Invisible

Interchange to a violet head expands FUSION to high contrast fluorescence imaging. Empower users to visualize more than meets the eye with:

- Orange fluorescence goggle or shield for caries, composites, and plaque detection.
- Green fluorescence goggle or shield for soft tissue early cancer screening.

See the Difference

Fluorescence is caused by the absorption of one wavelength followed by the emission of a different wavelength creating a contrast that you can clearly identify.



Dental Caries and Decays

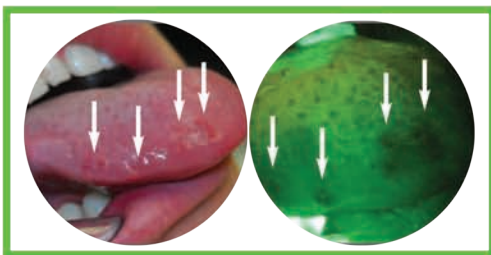
Red fluorescence is emitted from cariogenic bacteria in caries and decays under violet illumination and can be directly observed using orange fluorescence goggle or shield.

Composites and Adhesives

Composites and adhesives stand out from the natural tooth structure. Removal of previous restorations or excess adhesives has never been easier.

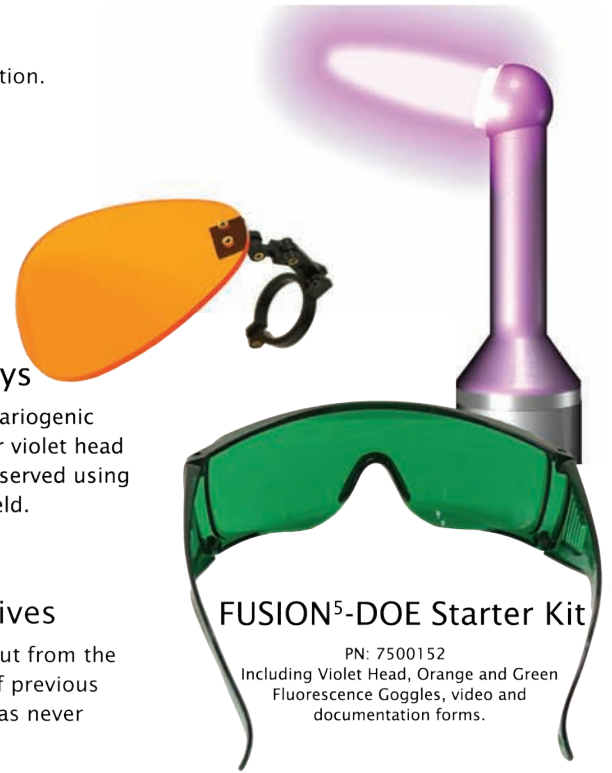
Active Plaque

Active plaque and bacteria are visually identified for easier removal.



Early Detection - Save Lives

Use green fluorescence goggle or shield to detect severe epithelial dysplasia. Loss of fluorescence or dark spot provides early stage signs of oral cancer. Save lives by detecting abnormality 3 to 4 years before naked eyes can see it.



FUSION⁵-DOE Starter Kit

PN: 7500152
Including Violet Head, Orange and Green
Fluorescence Goggles, video and
documentation forms.

PBM and PDT Treatment

Photobiomodulation and Photodynamic Therapy

Dual wavelengths 630nm and 810nm
Controlled dosage with deep penetration
400 mW focused power for fast treatment
Induced biostimulation or bioinhibition
Reduction of pain and inflammation

Stimulate tissue repair-movement
Increased circulation for faster healing
Reduced need for post-op analgesics
Reduced Probability of dry socket
Prevention of aphthous ulcers and lesions



Ultrafast Dental Laser

Wireless is Effortless

Amazing Laser for Everyday Practice

No More Setup Time and Messy Cords

3W Continuous Power

5W Pulsed Power



Make it Ultrafast

Hemostasis

Frenectomy

Gingivectomy

Incision & Excision

Root Canal Therapy

Canker Sores / Aphthous Ulcers

Periodontal Sulcular Debridement

Gingival Troughing for Impression

Lights, Camera, Action!

Wearable Products that Make a Difference Everyday



Advanced Hands Free Platform

The Smartest and Smallest Light

Black Fluorescence Imaging

SafeLoupe Laser Filter

HD Camera

HD Loupes



Nano Freedom is crammed with innovative technologies. It is bright, light, and feels just right. Best of all no stray wires, no inconvenience, no hassle. iOCam provides super sharp magnified live video for enhanced patient communication/referrals, insurance documentation as well as staff and student training/education.

Dr. George Freedman, Richmond Hill, ON, Canada



iZoom Loupes - Very comfortable, lightweight, and cool-looking. Excellent optics, wide field and very good resolution.

Dr. Michael Miller, Houston, TX



The SafeLoupe system is a "must have" product when doing laser procedures.

Dr. Howard Glazer, Fort Lee, NJ

DentLight



Nano Freedom²

Wireless = Effortless



Mounting Adapter
Easy Dovetail Attachment

Lightweight battery
Proximity sensor On/Off
Slide to existing frame temple
Little extra weight on nose or ear

Freedom Lamp
Penny size 5 grams
Focused beam (~3" field)
Easy clip-on filter

Reconfigurable

Nano Technology Teflon Connection
Field Reconfigurable for Function, Fit, and Service

Superior Performance

20000 (one battery) or 40000 lux (two batteries)
3 (one battery) or 6 hours (two batteries)
Color temperature (5500-6500K)

Safeloupe Insert
Fluorescent Filter



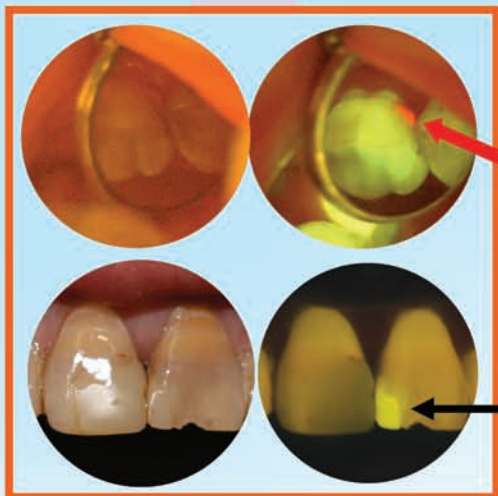
Black Lamp
Dual wavelengths

Seeing is Believing!

Nano Black

**Dual Color: White and Violet for
Illumination and Fluorescence**

Composites
Caries
Plaque
Cancer



Visualization of dental caries and decays

Detecting composites and excess adhesives

Amazing Wireless Light !

NO MORE TANGLED CORDS!

Nano 2S Plus



Freedom Lamp
Super Lightweight

Reconfigurable
Nano Technology Teflon Wire
Field Reconfigurable
Easy Upgrade to Wireless
Memory wire conforming to frame contour

Incredible Engineering Design

- Three Power Levels (40, 20, 16k lux)
- Light Weight (lamp 5g, battery 118g)
- Super Small (lamp 16mm)
- Flexible Thin wire
- 10-24 hours Non-stop run
- Recharging time: 90% in 2 hours

Xtreme²



Surgical precision

Super high contrast
60000 lux

Seeing beyond the surface

Long Lasting Smart Battery

10 to 24 hours running time (3 power settings)
Super reliable MicroUSB connection
Hands free raised elbow activation button
Constant output power throughout run time
Pass drop proof test



DentLight

iOCam HD Video Camera



Custom Fit with
iZoom HD
Nano Black



Custom Surgical Kit
Wireless iOCam
Wireless Xtreme² light

**HD 1280x720
Magnified Images**

Empower you with iOCam

Magnified Imaging and Communication System
Your handsfree assistant
Capture what you see
Share your findings with patients etc.

**Video or
Picture**

Ease of Use and Adaptation

- Fits to loupes (Orascoptic, DFV, Zeiss etc)
- Compatible with most headlights
- Easy slide in and out of the eyewear
- Built-in microphone

Incredible Engineering Design

- **Magnifications at 16-inch distance**
2.0X, 3.0X, or 5.0X
- **Resolution** 1280x720 @ 30 fps
- **Lightweight and small size**

	Weight (grams)	Size (mm)
Imager	4	23 (D)x13 (L)
Lens	8	15 (D)x13 (L)

• Run time:

USB Limited by hard drive
Wifi Battery 4.5 hours (Optional)

- Live recording or still image snapshot
- Compatible with existing patient software including Dexis Imaging and Vixwin



**Communicate better
Raise your acceptance rates
Market your practice with an edge**

DentLight

SafeLoupe

Adaptive Loupe Filter for Laser, Curing and Fluorescence

Tired and annoyed with clip-in filters?

- Fighting to fit onto your loupes
- Discomfort on your face from
 - Weight
 - Fogging
 - Hurting your eye/face
- Low light and color distortion
- Procedure interruption
- Cross contamination

Quick and easy SafeLoupe Clip-on

Preconfigured to your loupes in adapter size and the number of articulating arms
Facial viewing field laser protection from diode lasers direct and reflected beams.



Why buy laser loupes if you can convert your own?

Try patent-pending SafeLoupe Laser Filter:

Adaptive filter to your loupes

- Clip-on to loupes ocular rim
- Super lightweight and comfortable
- Minimum light loss
- No color distortion
- Hassle free laser procedures
- Custom preconfiguration to your loupes
- Extraocular shield for full protection



Specifications

810nm OD5
940nm OD5
980nm OD5
1064nm OD4
2780nm OD5
2940nm OD5

Curing
380-500nm OD2



Safeloupe Insert



Integrate your Loupes with Adaptive Filters

- Easy slide fit in
- Lightweight and comfortable
- Hassle free laser and restoration procedures