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

DENTISTRY TODAY
TOP 100
PRODUCTS 2019

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
Nano Freedom²

Wireless = Effortless

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

Safeloupe Insert
Fluorescent Filter

Black Lamp
Dual wavelengths

Mounting Adapter
Easy Dovetail Attachment

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

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)

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

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

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

Xtreme²

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

Surgical precision
Super high contrast
60000 lux

Seeing beyond the surface

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Add-on Options and Accessories

- 8600120 Nano Freedom lamp
- 8600220 Nano Black lamp
- 8600222 Nano composite filter
- 8610110 Nano Freedom battery pod
- 8600530 Nano Freedom battery (2/pk)
- 8600130-2 Nano 2S Plus Battery Pack
- 8601140 Nano Freedom Dual Battery Charger
- 8500224 Female Dovetail adapter
- 8500124 H-adapter
- 8500126 Flex-adapter
- 8501124 T-adapter
- 8701100 Universal-H combo adapter
- 8500121 Uo-adapter
- 8510120 Articulating arm
- 8510121 Single side arm
- 8510122 Branch arm
- 8510123 Camera branch arm
- 8501032 2S+ MicroUSB cord
- 8501022 Freedom cord

Dual Battery Charger allows you to keep a fresh backup battery

Fully charged in <1 hour

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**iOCam HD Video Camera**

**HD 1280x720 Magnified Images**

**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

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<td>4</td>
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<td>Lens</td>
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- 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

**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**

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

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iZoom HD Loupes

High definition and quality loupes with high resolution and high contrast images. Lightweight frames and optics deliver the most comfort and better working posture.

Flip-up

Regular Magnification

Variable Magnification

TTL

Custom Magnification
- Up to 45 degrees declination angle
- Four sports frame selections

2.5-4.0 X

2.5X

Including Loupes, Case, Soft Cleaning Cloth, Headstrap, and Screwdriver.

2011 REALITY Four Star Award

DentLight

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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

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

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.

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

Curing
- 380-500nm OD2

Integrate your Loupes with Adaptive Filters
- Easy slide fit in
- Lightweight and comfortable
- Hassle free laser and restoration procedures

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HOW TO ORDER

DentLight Headlight

860011  5  -  2

Nano Light  Type  Gen
3=Nano 2S Plus  1=Gen1
5=Nano Freedom  2=Gen2
6=Nano Freedom Plus
8=Xtreme
0=Nano Black

Light Kit includes LED lamp, composite filter, battery pod*, battery**, loupes, mounting adapter, charger and accessories.
Optional metal case.

Lamp 2-year warranty.
* 1 (Nano Freedom), 2 (Nano Freedom Plus)
** 1 (Nano 2S Plus), 2 (Nano Freedom, Xtreme),
4 (Nano Freedom Plus, Nano Black)

DentLight Camera

880011  0

iOCam  Type
0=Regular
1=Wireless

iOCam kit includes HD camera with USB wire, 3.0x optical lens, fitting adapter, software, and metal case.
Wireless kit additional: WiFi battery, MicroUSB-USB adapter, charger, iOS/Android App.
Warranty: 1 year

DentLight Loupes

850005  0  -  250

Loupe  Type  Magnification
0=F  pup*  250=2.5X
2=Variable*  200=3.0X
2=Mini*  350=3.5X
4=TTL  2530=2.6-3.0X
3090=3.0-3.5X
4090=4.0X

Working Distance  R=10-14
S=14-18
E=18-22

Reading IP  Distance  S=80
50=54mm
56=59mm
62=63mm

Case Type  A=Soft Case
C=Metal Case

Frame  A=AxiLife
D=D2
M=Metal
R=Rudy Life (Temple)
Y=Rudy Project Rydon

DentLight SafeLoupe - Loupe Filter

851  0  810

SafeLoupe  Type  Wavelengths
0=SafeLoupe Clip
1=SafeLoupe Insert

810=810, 940, 882, 1064 (OD4+)
2780=940, 2780 (OD4+)
2940=1064, 2940 (OD4+)
4500=380-500 (OD2) Orange
450=380-500 (OD2) Green

Warranty: optics 5 years

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