

Shining a **NEW LIGHT** on restoration

*Introducing first-of-its-kind
Lares Fluoresce HD™ dual
wavelength technology*





One handpiece. Two lights. Limitless possibility.

Using innovative dual wavelengths, **Fluoresce HD™** revolutionizes the way dental professionals excavate caries and existing restorative materials. Switching from white light to UV with the press of a button, it transforms the mouth into a color-coded map, revealing the difference between decay, composite material and healthy tooth.

Fluoresce HD enables quick, accurate removal of caries or composites, reducing the risk of reinfection and saving chair time.

The world's first dual wavelength electric handpiece system

Upgrade your current fiber optic contra angles with a dual wavelength motor.



The world's first dual wavelength coupler

Upgrade your current fiber optic air turbine¹ to add sophisticated fluorescence visualization.



*Shedding light on caries detection and intervention during a restorative procedure is **easy, efficient and predictable** with this evolved high-resolution fluorescence imaging technology.*

RAM M. VADERHOBLLI, DDS, MS | Associate Professor of Clinical PRDS
Director, Advanced Education in General Dentistry Post Grad Residency | UCSF School of Dentistry

FLUORESCENCE™ HD
www.laresdental.com/fluoresce-hd

¹ Fits any Kavo MULTiflex² compatible fiber optic air turbine
² MULTiflex and KaVo are trademarks of KaVo Dental GmbH

Enhance caries and restorative visualization

Caries visualization

Dental professionals who utilize Fluoresce HD find it easier and faster to remove infected dentin compared to conventional methods.

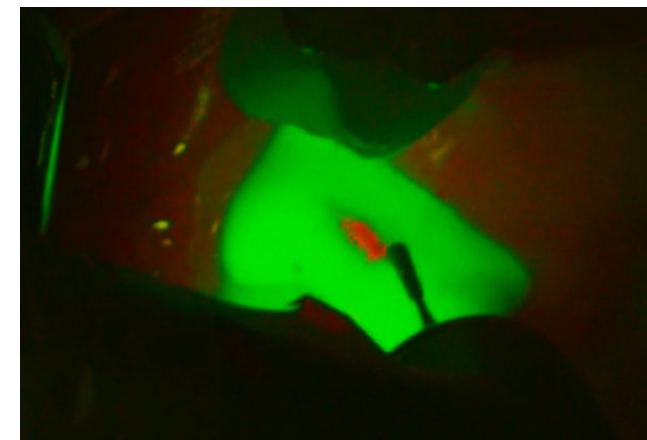
High-intensity 405 nm (UV) LED light is emitted from fiber optic turbines or contra angles as an alternative to white light.

How it works

Porphyryns inside caries-causing bacteria fluoresce orange/red when exposed to 405 nm light, while healthy tooth glows light green. With a highspeed or lowspeed handpiece, the dentist only removes the orange/red caries, minimizing the removal of healthy tooth structure.

Benefits include:

- Minimally invasive to maximize tooth strength and reduce risk of breakage
- Confidence in complete caries removal
- No probing, caries indicator dye, imaging system photos, etc., are necessary
- Saves substantial chair time (single instrument preparation)
- Studies show more accurate removal of remaining decay than alternative methods, minimizing the risk of reinfection¹



Caries appear orange/red with Fluoresce HD

Studies show Fluoresce HD reduces excavation time by 24% vs. conventional methods!¹

¹ For studies and articles related to Fluoresce HD, visit www.laresdental.com/fluoresce-hd

Restorative visualization

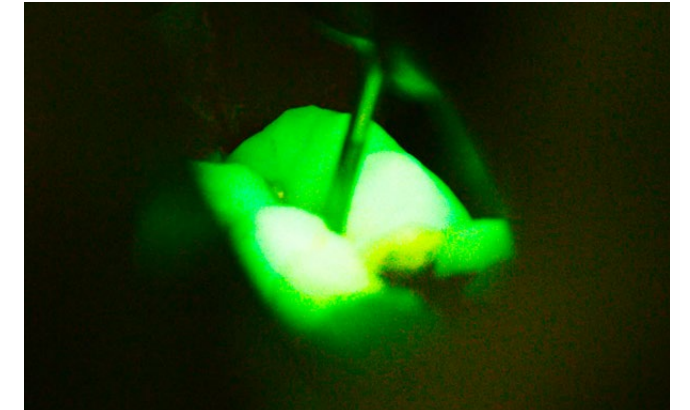
Modern restorative materials match the color of natural tooth better than ever, making it extremely difficult to detect where composite ends and healthy tooth begins. Fluoresce HD allows clear visualization of the restorative/tooth margin allowing precise and complete removal of old restorations.

How it works

405 nm UV light causes restorative materials to fluoresce different colors or shades than healthy tooth, making the margin easy to see.

Benefits include

- Minimally invasive to maximize tooth strength and reduce risk of breakage
- Saves substantial chair time
- Complete removal of old composite maximizes bond strength
- Studies show dramatically more accurate restorative detection¹



Composite is clearly visualized vs. healthy tooth

Fluoresce HD vs conventional visualization methods¹

	405 NM FLUORESCENCE	VS	CONVENTIONAL
ACCURACY OF RESTORATION DETECTION (SENSITIVITY)	94% (CL 93-96%)		20% (CL 17-23%)

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RESEARCH
Precision Performance

The first and only coupler of its kind

Equipped with revolutionary, award-winning technology

The world's first dual wavelength coupler delivers **twice the possibility with two lights** for easier visualization of caries and composites than ever before.

- Fits all fiber optic air turbines with KaVo MULTiflex¹ compatibility
- Small and sleek with inadvertent switch depression shielding
- Helps you completely identify and remove caries and old composites with just the push of a button

Switch from white light to UV light in a single click!



Wavelength Switch

First and only patented LED coupler mounted wavelength switch: White light to 405 nm UV LED to shine a new light on caries and restorations

Wavelength Switch



UV LED — **White LED**

First and only patent-pending Dual Wavelength LED Lamp

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The first and only electric handpiece system with white and UV LED output

Simple plug and play with your existing foot pedal.

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Precision Performance

The **ProStyle E Electric Handpiece System with Fluoresce HD** can add the benefits of revolutionary fluorescence visualization to any existing highspeed or lowspeed fiber optic contra angles. Equipped with quick plug-and-play technology, ProStyle E easily transports between operatories.

Brushless Lube-Free Motor for extended, trouble-free operation that saves both time and money

Dual wavelength LED output: White and UV

Autoclavable to meet new CDC requirements

Change wavelengths from white to UV with the press of a button

Anti-Burn Push Button patented tungsten carbide ball button/spindle interface for enhanced patient safety

Tri-Port Spray for unobstructed cooling

Bifurcated Solid Rod Optics for shadow-free visibility and illumination

3 Year VR WARRANTY

Contra Angles

Speed Control Knob easily adjusts for 1:5 or 1:1 attachments to optimize procedure and instrument speed

Motor/Control Box

Bright UV and white light output is emitted by the Lares patent-pending dual wavelength LED lamp. Any competitive fiber optic contra angle can be upgraded to dual wavelength capability with the ProStyle E Motor with Fluoresce HD.



Full range of attachments

FLUORESCENCE™ HD

Breakthrough Turbine Performance

High-efficiency optics make these turbines perfect for use with the Fluoresce HD Dual Wavelength Coupler

757 ProStyle™SF

- Solid feel weighing 54 grams
- Standard head size toughness for crown and bridge
- High-cutting power at 20 watts
- 4 port spray
- Smooth grip
- Super quiet operation at 59.9 dBA¹
- MULTiflex² compatible 360° swivel with optional lighting



557 ProStyle™SF

- Solid feel weighing 48 grams
- Mini head accessibility and visibility
- Excellent mini head cutting power at 18 watts
- Single-port spray
- Smooth grip
- Super quiet operation at 62.8 dBA¹
- Kavo MULTiflex² compatible 360° swivel with optional lighting



757 ProStyle™SF Lite

- Super lightweight at only 43 grams
- Standard head size toughness for crown and bridge
- High-cutting power at 20 watts
- 4-port spray
- Extra secure grip
- Super quiet operation at 59.9 dBA¹
- Kavo MULTiflex² compatible 360° swivel with optional lighting



557 ProStyle™SF Lite

- Super lightweight at only 38 grams
- Mini head accessibility and visibility
- Excellent mini head cutting power at 18 watts
- Single-port spray
- Extra secure grip
- Super quiet operation at 62.8 dBA¹
- Kavo MULTiflex² compatible 360° swivel with optional lighting



Legacy 5

Eliminate the hassle of repair changes for five years

- Choice of standard or mini head sizes
- Exceptional cutting power — standard: 20 watts, mini: 18 watts
- DynamicPrecision™ balancing for whisper quiet operation — standard head 59.9 dBA¹
- SteelGrip™ push button chucking system for long lasting bur retention and cutting precision
- Solid rod cellular optics for bright, long lasting illumination³
- KaVo MULTiflex² compatible 360° swivel and quick disconnect
- Stainless steel construction with non-slip PVD coated grip
- Long-life precision ceramic bearings



Choice of compact or standard head size for both ProStyle SF & Legacy 5 models

1 Average sound level
2 MULTiflex and KaVo are trademarks of KaVo Dental GmbH
3 Optional

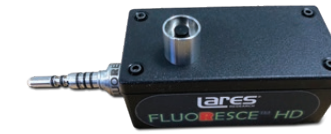
Fluoresce HD Accessories

Enhance your Fluoresce experience with high-quality accessories from Lares.



Fluoresce HD Yellow Tint Reg Glasses

Item# 11595



Dual Wavelength MX Coupler Demo Box

Item# 11554



Universal Loupe Insert for All Models

Item# 11551



Fluoresce HD Yellow Tint Handheld Paddle

Item# 11597



Sales Demonstration Case

Item# 11555

Sales Demonstration Case

Does not contain any products and the foam is customizable for your preference.

Can hold:

- 4 Highspeed Handpieces
- 1 Dual LED Coupler
- Sales Demo Light Box
- Yellow Tinted Fluoresce Glasses

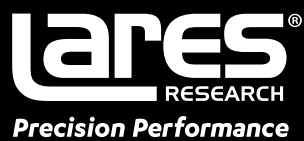
ProStyle E Electric System with Fluoresce HD: Specifications

Motor

Type	Brushless internal spray
Applications	Restorative - Prophylaxis
Endodontics function	N/A
Speed range	1,000-40,000 rpm
Maximum torque	2.5 Ncm
Torque control	No
Weight	79 g
Dimensions	0.21 mm x 42 mm
Light	405 nm and white LED
Ball bearings	Lifetime lubricated ball bearings
Sterilizable	Yes, without protection
Hose mounting/rotation	Screw/0°
Warranty	3 years

Table top control unit

Weight	0.4 kg
Dimensions (LxWxH)	125x14.5x75 mm
Power pack voltage/frequency	100-240 VAC 7-63 Hz
Color	White
Warranty	3 years



FLUORESCENCE™ HD

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related to Fluoresce HD, visit
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INTERNATIONAL/OEM AND SPECIAL MARKETS

Christian Godoy

+1 530.717.3145

cgodoy@laresdental.com

295 Lockheed Ave

Chico, CA 95973 USA

USA: +1 888.333.8440

Worldwide: +1 530.345.1767

Fax: +1 530.345.1870

world-sales@laresdental.com

www.laresdental.com