

2023 PRODUCT CATALOG



CAO GROUP, INC.
Easier · Faster · Better™

Order online or contact us directly:

www.caogroup.com

1.877.877.9778

customercare@caogroup.com



CAO GROUP, INC.
Easier · Faster · Better™

Headquartered in West Jordan, Utah

Mission

To invent, manufacture, and supply innovative and superior dental products that improve the professional dental industry.

Vision

To be the lead manufacturer and distributor of elite, cutting-edge products and services for dental professionals.

Values

Our first and highest value is our clients. We value our foundation of patented technology and expanding the horizons of the dental industry.

160+ PATENTS AND COUNTING

We are an internationally-leading manufacturer of privately labeled diode lasers & dental products. Through extensive research and development, CAO Group has become a national and international leader in manufacturing privately labeled products for the dental industry. CAO is located just outside of Salt Lake City, Utah, in a 60,000 sq. ft. FDA registered and ISO certified facility. Our facility is setup to support our research, development, logistics, manufacturing, marketing, and sales teams. CAO China, a joint venture facility, supports our large-scale manufacturing and distribution.



Founder and CEO: Dr. Densen Cao

Dr. Densen Cao emigrated from his home country of China to pursue his PhD in Materials Science at the University of Utah in 1986. After receiving his degree in 1991, Dr. Cao was employed by Drs. Gordon and Rella Christensen at what is now known as the CR Foundation.

Dr. CAO is the inventor of the first LED curing light. Invented in 1999, Dr. CAO received patents for the light. In 2000, Dr. CAO founded CAO Group Inc, which has been revolutionizing the dental industry for two decades.

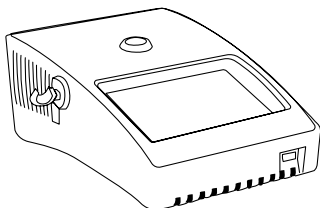
A LASER FOR ANY DENTAL NEED!



VISIBLE AND INVISIBLE LASER RADIATION. AVOID EYE OR SKIN EXPOSURE TO DIRECT OR SCATTERED RADIATION.
WAVELENGTH: 810NM OUTPUT: 12.5 WATTS
WAVELENGTH: 690NM OUTPUT: 3mW
CLASS 4 LASER PRODUCT

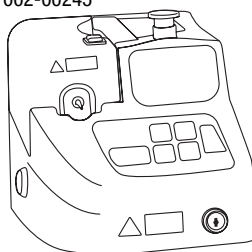
RAYONNEMENT LASER VISIBLE ET INVISIBLE. EXPOSITION DANGEREUSE DE L'OEIL OU DE LA PEAU AU RAYONNEMENT DIRECT OU DIFFUS
LA LONGUEUR D'ONDE: 810NM
ÉMISSION MAXIMALE: 12.5 WATTS
LA LONGUEUR D'ONDE: 690NM
ÉMISSION MAXIMALE: 3mW
APPAREIL À LASER DE CLASSE 4

Pioneer Elite MSRP \$6,819.95 002-00244



The Pioneer Elite comes standard with over 30 preset clinical procedures installed along with the ability to easily create your own programs. Included in the software design is the ability to use the “Quick Set” feature which allows you to simply select Mode, Set Power, and Go! Nothing could be easier.

Pioneer Pro MSRP \$5,774.95 002-00245



The Pioneer Pro diode laser offers exactly the kind of precise control needed for soft tissue and periodontal procedures while its continuous fiber cartridge means lower cost per patient. With its reliability and efficiency, it's no wonder that it has been called the “workhorse” of the dental industry.

810nm SOFT-TISSUE DIODE LASERS

CAO Group is the inventor of the modern diode laser and the largest diode laser manufacturer in North America.

CAO's diode laser portfolio serves both dentists and hygienists.



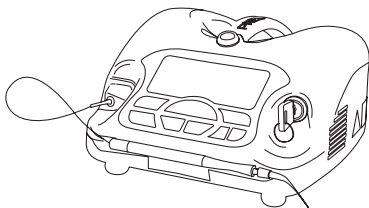
	<i>Precise LTM</i>	<i>Hygea</i>	<i>Pioneer Elite</i>	<i>Pioneer Pro</i>
Power	5 Watts	1.5 Watts	3 Watts	5 Watts
Mode	Pulse / Continuous	Continuous	Pulse / Continuous	Pulse / Continuous
Fiber Management	Continuous fiber	Fixed fiber w/ uni-dose tips	Fixed fiber w/ uni-dose tips	Fixed fiber w/ uni-dose tips
User Interface	LED	Touchscreen	Touchscreen	LED
Power Source	110V	Battery/110V	Battery/110V	Battery/110V
Weight	4.9 lbs	2.5 lbs	2.5 lbs	4.0 lbs
Accessories	Surgical handpiece	Whitening, Therapy, Standard handpieces	Whitening, Therapy, Surgical handpieces	Surgical handpiece
Applications	Surgical, Periodontal	Periodontal, Therapy, Whitening	Surgical, Periodontal, Whitening, Therapy	Surgical, Periodontal

Precise LTM

MSRP \$6,559.95

002-00176

The Precise LTM's fiber cartridge system features the patented extendable and retractable fiber management system, containing 20 feet of fiber for treating up to 500 patients per cartridge.

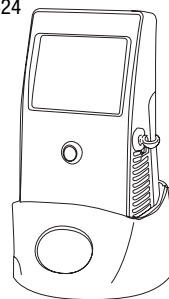


Hygea

MSRP \$4,395.95

002-00424

The Hygea is compact, portable, and reliable. With its rechargeable lithium polymer battery and portable docking station, this dental laser allows you to carry it from patient to patient efficiently and quickly.



DISPOSABLE TIPS, REPLACEMENT CARTRIDGES, & FIBER TOOLS



Replace or resupply your laser tips with our patented ready-to-use disposable or reusable tips for your diode laser.

Precise LTM

MSRP **\$32.95** 002-00181



Save with the low-cost-per-patient nature of continuous fiber laser models with these hollow tips.

Pioneer Elite Fiber Tips

MSRP **\$395.99** 002-00259



Perio and standard length replacement fiber tips for the Pioneer Elite 3-watt diode laser are uni-dose tips with a built-in 400µm fiber. Each pack includes fifty (50) disposable tips.

Precise SHP

MSRP **\$82.49** 002-00368



Convenient one-time-use 300µm, 400µm, and 600µm tips accommodate any soft-tissue procedure. Each pack includes five (5), disposable tips.

Precise LTM Replacement Fiber Cartridge

MSRP **\$626.99** 002-00206



This fiber cartridge is a replaceable assembly to keep your Precise LTM diode laser lasing. Of course, true to the Precise LTM line, featuring the low-cost per-patient technology. This replaceable fiber cartridge is the heart of why the Precise LTM diode laser is the leading laser with the lowest per-patient.

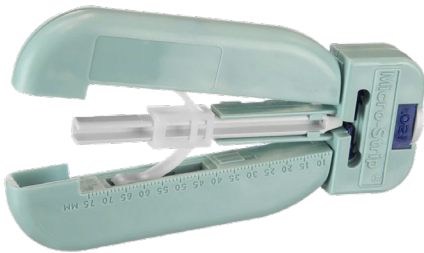
Pioneer Pro Cartridge Refill 400 Microns 20 Feet

MSRP **\$571.99** 002-00246



The fiber cartridge is a replaceable assembly for the Pioneer Pro diode laser. The fiber refill cartridge contains approximately 20 feet (6 meters+) of 400µm laser fiber wound onto a spool. Its plug-in capability provides power for the internal retraction device for the laser fiber. This cartridge is disposable after all fiber has been used. It is not autoclavable.

CAO has everything else you need to cover your dental diode laser needs, including: laser handpieces, handpiece sleeves, power supplies, replacement cables, batteries, foot pedals and more at **CAOGROUP.COM**



Laser Fiber Stripper

MSRP **\$197.99** 002-00028

This Laser Fiber Stripper is used to cut and remove the laser fiber's protective covering at the distal end. This exposes the bare fiber to be cleaved in preparation for use with the Pioneer Pro Laser or Precise LTM Laser.



A.



D.



B.



E.



C.



F.



Fiber Cleaver Stylus

MSRP **\$181.49** 002-00204

The Fiber Cleaver Stylus is designed to cleave the tip of a laser fiber after the fiber jacket is stripped off with the Fiber Stripper. This exposes a portion of the bare fiber and prepares the fiber to be scored by the Cleaver. This Cleaver allows you to precisely cleave allowing the fiber will emit a near-perfect circle from the aiming beam.

Use to cleave fiber for the Precise LTM or the Pioneer Pro diode laser.

Laser Protective Glasses

MSRP **\$241.95 - \$274.99**

A. MONET SPORT 001-00108 B. MONET OVERFIT 001-00107 C. MONET INSERT 002-00455
D. LASER SPORT 002-00367 E. LASER OVERFIT 002-00271 F. LASER INSERT 002-00456

CAO's Laser Protective glasses are professionally designed to shield the eyes from inadvertent exposure to harmful laser light during dental laser procedures. It is recommended that appropriate safety eyewear should be worn by the doctor, staff, patient, and anyone present in the operatory whenever the laser is being operated.

THE FASTEST AND MOST CONSISTENT CURE IN DENTISTRY

MONET[®]

laser curing light

YOUR PATIENTS ARE READY FOR LIGHTSPEED.

Patients are ready for improved care through the latest in dental technology; they are actively searching for practices with the most up-to-date and innovative patient care experiences. Soft cures can leave patients with pain, prolonged sensitivity, and a weak bond can open the tooth to future structural damage. Nothing disrupts a practice like an incomplete cure, with proper use of the Monet, this is now a problem of the past.

Monet Laser Curing Light

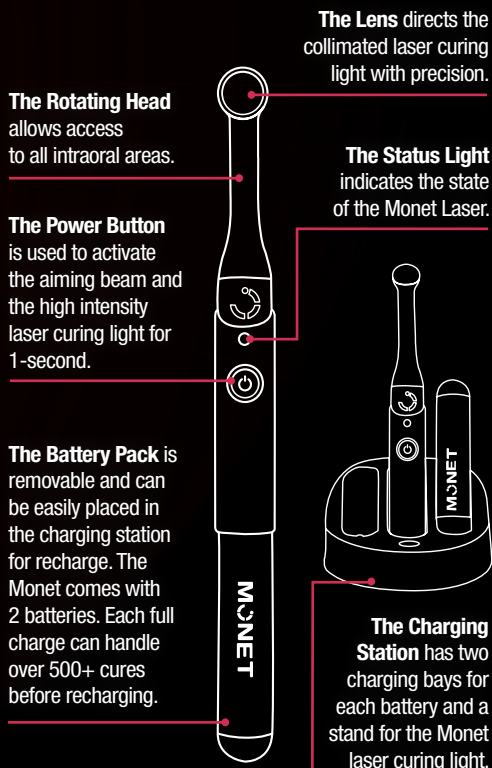
MSRP **\$2499.95** 001-00105



**FROM THE INNOVATIVE MIND THAT INVENTED LED CURING
COMES A QUANTUM LEAP IN CURING TECHNOLOGY:
THE WORLD'S FIRST HANDHELD LASER CURING LIGHT.**

“High irradiance output produced faster and deeper polymerization than other light sources”

Clinicians Report | Gordon J. Christensen



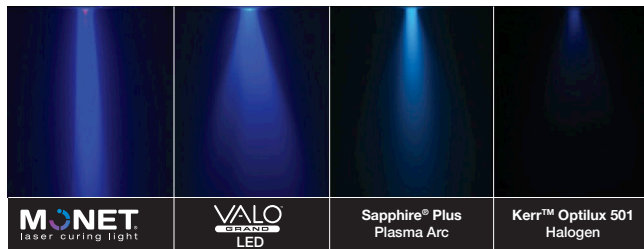
The handheld Monet curing laser is the first of its kind. The collimated beam and consistent power of the Monet laser makes for superior bond strength, and faster, deeper, more reliable curing results.

LASER CURING MEANS CONFIDENCE.

Laser curing has major advantages over LED curing. With proper application of a Monet laser cure, you will never have to worry about incomplete bonds or soft cures again. The Monet laser produces a deeper cure than LED or any other light sources during the same exposure time.

LASER CURING MEANS CONSISTENCE.

Laser curing provides a consistent dispersion of energy and intensity at any distance to create a complete, reliable, and even beam pattern. The collimated beam improves polymerization through composites. Each click is a one-second cure reaching through 2.5mm of composite depth, that means it's possible that bulk fills can be done in three seconds!



Products listed are trademark...

DEPTH OF CURE



It is generally recommended to do a single 1-second cure with a composite layer less than 2.5 mm, two 1-second cures for layers between 2.5-5 mm, and three 1-second cures for layers more than 5 mm. To minimize heat, do not cure any spot more than 3 seconds in rapid succession. For prep areas larger than 8 mm in diameter, two overlapping spot cures is recommended. Monet comes with unique apertures for precision control of your laser. For preps near gingival tissues, consider using small aperture of 2, 4, or 6 mm to avoid light on gingival tissue. It also comes with a reducing aperture which cuts the power by 50% to give you even more custom control!

SHEER WHITE!®

A Complete Whitening System for Dental Professionals

Why are more dental offices implementing the Sheer White! system? It's simple: Sheer White!'s professional strength and reduced-sensitivity in-office formula is delivered in the form of an easy-to-use whitening strip. Offer a powerful teeth whitening solution that is fast, effective, and virtually painless at a lower cost to your patients.

Here's how the system works: apply the **Sheer White! In-Office** strip to the patient's teeth in as little as one minute and send your patients home with the **Sheer White! Take-Home** kit. This will kickstart the treatment and will whiten up to 3 shades in just 30 minutes.

Patients will continue the take-home treatment for 5 days with visible results of up to 5 shades whiter—the system provides up to 8 shades whiter in total! Sheer White has a unique patented non-slip formula, and unlike over-the-counter strips these do not slip. You can talk, enjoy a cold beverage, workout, and perform daily activities while wearing them!

Say goodbye to expensive and painful custom trays and gels and say hello to a dental whitening system that will save you money and create repeat whitening visits. Your patients will love their whiter smile almost as much as they love saving time and money.

Sheer White! In-Office

6 PATIENT KIT MSRP **\$233.80** 006-00251

24 PATIENT BULK PACK MSRP **\$841.69** 006-00293

Sheer White! In-Office is the first phase of CAO's Sheer White! Complete Whitening System, an only 1-minute application for dental professionals. With a 20% Hydrogen Peroxide non-slip patented formula and minimal sensitivity, Sheer White! is a quick, easy, and effective whitening system capable of whitening up to 3 shades whiter in just half an hour. For up to 8 shades of whitening, combine with the Sheer White! Take-Home whitening kit.





Sheer White! Take-home

24 PATIENT BULK PACK MSRP **\$682.09** 006-00294

An advanced teeth whitening formula for dental professionals. Sheer White! Take-Home is a 20% carbamide peroxide formula and completes the second phase of CAO's Sheer White! Complete Whitening System. After applying Sheer White! In Office at your dental practice, send your patients home with the Take-Home patient treatment kit for up to 5 more shades of whitening.



HUBBLE™

DIGITAL VISION HEAD-SET

COMPREHENSIVE
MAGNIFICATION, ILLUMINATION
& DOCUMENTATION

A Visionary Change in Patient Care



Headlamp

130k Lux Illumination
(adjustable intensity).

1-20x Continuous Magnification

Take & share 4K video or stills at 1-20X Magnification. Not relegated to a single magnification like Loupes.

Micro-LCD Display

No interpupillary adjustment or customization needed.

Articulating Camera & Headlamp

The Camera and light source are aligned with variable positioning for ergonomic comfort.

Battery Powered

Two rechargeable batteries for continuous use. No cords necessary.

Adjustable Headband

Comfortable fit to all sizes. No floor, ceiling, or wall space required.

Set up Remote

Easy set up and navigation.

Foot Control

Hands-free control of all key features.

HUBBLE Digital Vision Head-Set MSRP **\$8499.99** 005-00110

TREATMENT & DOCUMENTATION IN REAL-TIME

Continuous 1-20X magnification, true-color aligned LED illumination, unmatched real-time documentation. This first of its kind visionary device will improve and streamline every procedure and the overall operations of your practice.

Magnification

Control the magnification from 1 to 20X. Continuous zoom takes you beyond a fixed magnification and limitations that come with Loupes.

Illumination

True-color, high intensity LED light source is aligned with the camera so your target is always illuminated.

Documentation

Here is where Hubble changes everything. Save, share or broadcast videos or images in real-time with your preferred audience. Collaboration between colleagues has never been more comprehensive and easy. Provide complete recorded documentation for all treatments and services.

No valuable chair time is lost using separate independent image capturing tools or intraoral or digital cameras.

The Hubble digital vision head-set provides a myriad of applications as an education instrument.

Cloud Storage

All procedures can be recorded live or images captured on command and saved locally or on a secure cloud server. With Aviuscloud.com, you can store all your files with our convenient subscription storage service.





**HELP
REDUCE
PATIENT
CARIES
WITH
EASY
SALIVA
TESTING**



Cavity pHighter Test Strips

12 BOTTLES MSRP **\$142.95** 006-00266
48 BOTTLES MSRP **\$472.95** 006-00267

Cavity pHighter Mints

12 BOTTLES MSRP **\$142.95** 006-00264
48 BOTTLES MSRP **\$472.95** 006-00265

Two critical factors contributing to the risk of dental caries are pH level and buffer capacity in saliva. Cavity pHighter strips can quickly and accurately identify both to rapidly indicate a risk of caries. It's so easy to use that you can test in office or send the strips home with a patient to track their risk.

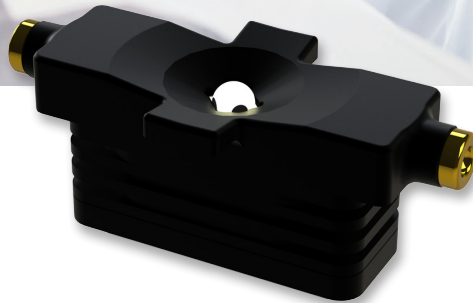
Improving a patients hygiene habits is easy with Cavity pHighter. The mints increase saliva pH and saliva flow, as well as bolster buffer capacity by releasing soluble calcium all to promote healthy tooth enamel.

- Create additional revenue from salivary testing.
- Increase revenue by supplementing individual care plans
- Continued revenue from providing test strips and mints for home use.
- Generate patient engagement and retention





**THE PROOF
IS CLEAR.
SAVE TIME.
SAVE MONEY.
SEE
CLEARLY.**



ClearVue LED Operatory Bulbs

MSRP \$274.95 A-DEC 005-00011 MIDMARK 005-00017 PELTON & CRANE 005-00043

ClearVue plug-n-play LED bulbs replace your halogen bulbs and make your dental chair light more efficient and effective. Designed with cutting-edge LED true-color technology, ClearVue bulbs support perfect shade matching and reduce eye strain. With a 60k hour lifespan and 90% reduction in heat and energy output, ClearVue LED Operatory Bulbs will reduce your energy costs while making your practice brighter and are available for most common operatory light models.

The proof is clear: 1 LED Bulb lasts as long as 30 Halogen Bulbs, emits 90% less heat, and energy costs are 90% less than halogen.



ZaPro Surface Cleaner 1 GALLON W/ SPRAY BOTTLE \$142.95 006-00280

Through independent research, ZaPro Surface Cleaner has shown a **one-minute contact to kill** rate of viruses and bacteria in the presence of fresh whole human blood, that's the most efficient professional surface cleaner in the industry.

- Professional Strength Formula
- One-minute broad spectrum kill - *Clinicians Report*
- No residue

ZaPro Hand Sanitizer 6 - 8.5 OZ BOTTLES MSRP \$52.79 006-00282 67.6 OZ BOTTLE MSRP \$76.99 006-00283

ZaPro Hand Sanitizer contains 94% alcohol so the strength of this formula effectively reduces bacteria, but ZaPro also has a silky smooth formula you need to feel to believe.

- IMMEDIATELY slip on gloves easily
- Doesn't dry our skin
- 94% alcohol—effectively reduces bacteria
- No residue, quickly dries

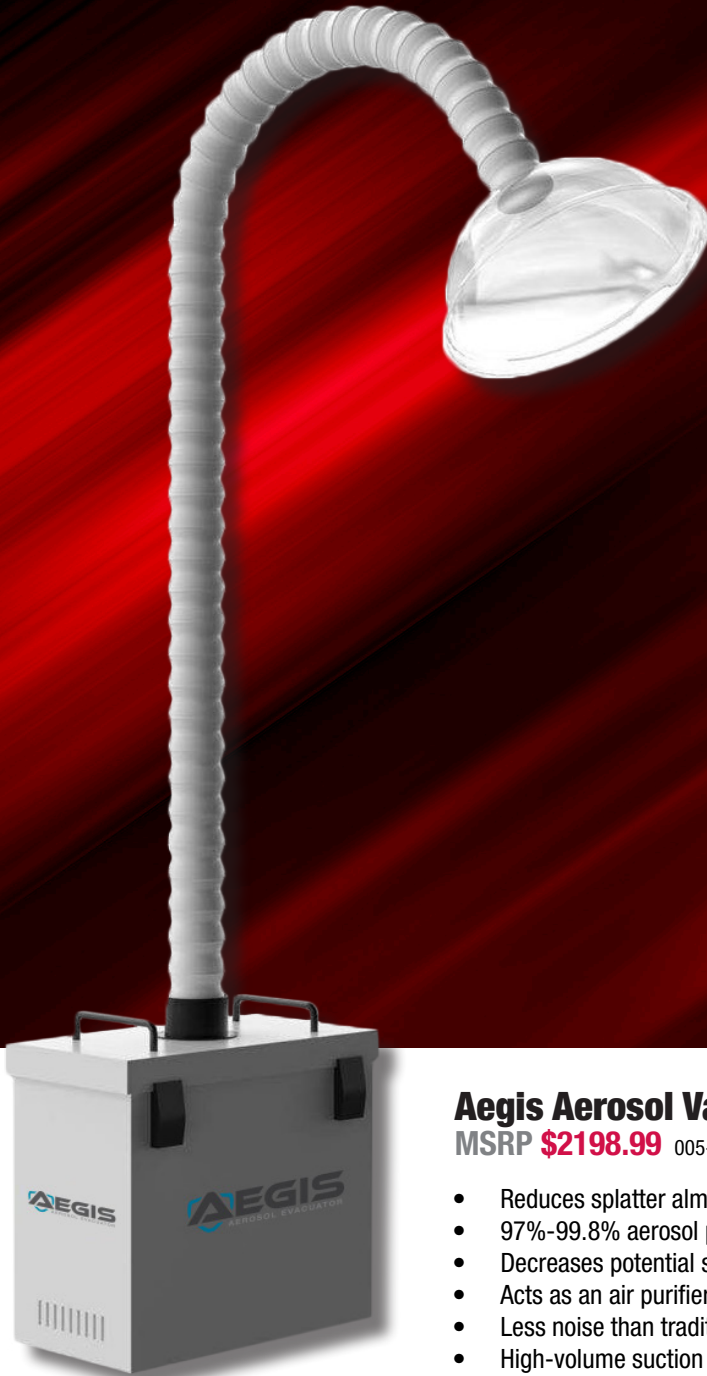




BEST PERFORMING DENTAL EXTRAORAL AEROSOL REDUCER ON THE MARKET

With high-volume suction and a 99.8% aerosol reduction capacity, the Aegis Aerosol VacStation features cutting-edge technology allowing it to act as an extraoral aerosol reducer and an air purifier, all without the noise.

Keep your dental practice safe from pathogens, infections, and diseases with a HEPA, charcoal, and UV Light combination air filter while reducing splatter almost completely.



Aegis Aerosol VacStation

MSRP **\$2198.99** 005-00045

- Reduces splatter almost completely
- 97%-99.8% aerosol particle reduction
- Decreases potential spread of infectious diseases & pathogens
- Acts as an air purifier for dental offices & medical spaces
- Less noise than traditional suction units
- High-volume suction
- Easy to install

Equip your office with the essentials and promote a more safe environment with our Aegis PPE line. Masks, protective goggles, face shields, coveralls, and our infrared thermometer are available now. Call our customer service team at **1.877.877.9778** or visit our website **caogroup.com** to learn more.

Lasers & Curing & Whitening & Smiles.



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4628 West Skyhawk Drive - West Jordan, UT 84084

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