



CAO GROUP, INC.
Easier · Faster · Better™

2022

Product Catalog



CAO Group® Product Catalog

2022

Soft-Tissue Diode Lasers	3
Teeth Whitening	8
Infection Control	10
Clinical Products	16
Delivery Tips	20
Accessories	22

Order online or contact us directly:

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1.877.877.9778

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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

810nm DIODE LASERS CHART

	Precise LTM	Hygea	Pioneer Elite	Pioneer Pro
Power	5 Watts	1.2 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	4.0 lbs	4.0 lbs
Accessories	Surgical handpiece	Whitening, Therapy, Standard handpieces	Whitening, Therapy, Standard handpieces	Whitening, Therapy, Standard handpieces
Applications	Surgical, Periodontal	Periodontal, Therapy, Whitening	Surgical, Periodontal, Therapy, Whitening	Surgical, Periodontal, Therapy, Whitening

PRECISE LTM™ SOFT-TISSUE DIODE LASER

The patented retractable and extendable fiber management system provides 20 feet of fiber in one cartridge – enough for over 500 patients. Features an intuitive display panel with 4 programmable settings.

\$6,599.95



Features and Benefits

Simple sturdy compact design is easily portable

Sleek pen style handpiece is especially comfortable and convenient for posterior applications

Integrated continuous fiber retracts and extends for ease and convenience. One cartridge supplies enough fiber for over 500 procedures

Intuitive display panel; 4 programmable settings

Low per-patient cost makes it versatile as a daily tool for a wide range of procedures

HYGEA™ **HYGIENE DIODE LASER**

Hygea is a soft-tissue diode laser designed specifically for dental hygienists!

\$4,395.95



Features & Benefits

Designed specifically for the dental hygienist

Offers direct navigation and presets for gingivitis, perio, therapy, and whitening treatments

Battery operated for ultimate portability

PIONEER ELITE™ SOFT-TISSUE DIODE LASER

The Pioneer Elite is the truly portable diode laser. The unique design features a docking cradle that secures the Pioneer Elite on a counter-top and provides a charging base for the rechargeable battery. The single most important feature of a hand-piece is how comfortable it feels in your hand during use.

\$6,819.95



Features & Benefits

810nm wavelength

3 Watt max power output

Portable lithium battery

Disposable fiber tips

Invertible touch screen

PIONEER PRO™ SOFT-TISSUE DIODE LASER

The Pioneer Pro Diode Laser has several unique features all of them providing operators efficiency, convenience, and performance. Features laser wavelength of $810\pm 20\text{nm}$ that has the highest affinity for hemoglobin and melanin making the laser a precise, less invasive and less traumatic tool, to perform soft tissue procedures.

\$5,774.95



Features & Benefits

- Wireless foot pedal and receiver
- Unique retractable fiber management system
- Easy to operate intuitive program
- Lowest cost per procedure
- 810nm wavelength
- 5 Watts maximum power output
- LED display
- Lightweight and easy to use

SHEER WHITE!™ TAKE-HOME TOOTH WHITENING STRIPS

Each patient box contains 5 trays with 2 strips per tray. Intro kit includes 6 boxes. Also available in bulk

\$226.59 / \$620.05



Features & Benefits

20% Carbamide Peroxide provides effective whitening with little to no sensitivity. Whiten teeth up to 5 shades in 5 days.

SheerFilm technology provides a perfect fit. Strips are virtually invisible

Strips are discreet and stay in place so patient can go about their day, talk naturally, and drink

No light required! Teeth are whitened, not dehydrated

Lightweight and easy to use

SHEER WHITE!™ IN-OFFICE TOOTH WHITENING STRIPS

Each patient kit contains 4 strips. Also available in a value kit

\$113.29 / \$233.80



Features and Benefit

First and only in-office whitening strip requiring just 5 minutes of chair time

20% Hydrogen Peroxide in a professional whitening formula

No retraction or isolation required. Process is uncomplicated for the dentist and offers ultimate comfort for the patient

Combine with SheerWhite! Take Home to whiten teeth up to 8 shades

PRECISE WHITE™ BLEACHING GEL

For use with our Precise SHP diode laser, this kit comes with 2 syringes: 1 30% Hydrogen Peroxide Whitening Gel and 1 dental dam.



\$38.49

Features and Benefits

30% hydrogen peroxide bleaching gel for laser-assisted procedure

In-office treatment for accelerated chair-side whitening

Compatible with the Elite laser with whitening handpiece attachment

TEETH WHITENING CHART

	Sheer White! Take-Home	Sheer White! In-Office	Precise White Gel
Application	By patient	By licensed dental professionals	By licensed dental professionals
Formulation	20% Carbamide Peroxide	20% Hydrogen Peroxide	30% Hydrogen Peroxide
Wear Time	1–2 hours	30 minutes	15–45 minutes
Whitening Results	Up to 5 shades in 5 days	Up to 3 shades	Up to 3 shades

PERSONAL PROTECTIVE EQUIPMENT



With increased susceptibility to new diseases, it's essential for our offices to implement new PPE protocols moving forward as we look to start regular business operations within the next month. This will not only help you grow value in your workplace but it will protect both your patients and employees. Equip your office with the essentials and promote a more safe environment with Aegis PPE line.

AEGIS™ INFRARED THERMOMETER

Hospital grade technology that will provide a faster, high-accuracy reading at your clinic, office, or home. This easy-to-use digital infrared thermometer is lightweight and will provide precise temperatures within 1 second. Ensure safety and confidence for those around you with Aegis Infrared Thermometer.



\$108.99

Features & Benefits

Environmental adaptive temperature-sensing technology

Patented probe design

Automatically stores last measured value

Measures in both celsius and fahrenheit

AEGIS™ VACSTATION AEROSOL SUCTION SYSTEM

This multi-filtration unit removes up to 99.97% of all airborne particulates and pathogens (down to 0.3µm size), decreasing the potential spread of infections and diseases. This product meets U.S. HEPA filtration requirements. Unit is ideal for standard room air purification.

\$2,198.99



REPLACEMENT FILTERS

- High-Fiber Cotton 5pk (Primary)



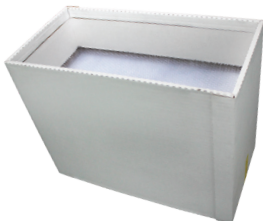
\$39.59

- Fiberglass 2pk (Secondary)



\$137.49

- Active Carbon (Main)



\$472.99

Filter Subscription Options Available

Features & Benefits

Removes airborne particulates and pathogens

Provides up to 99.97% filtration at a 0.3 um particle size

Three-stage filtration system

Advanced vacuum suction power

Low-noise operating unit comparable to other powered operatory instruments

ZAPRO™ HAND SANITIZER

It is a feel that must be experienced.

Reimagine How You Think About Hand Sanitizer!
ZaPro Hand Sanitizer revolutionizes the industry by leaving behind a feel on your hands that is unique and unmatched. With 94% alcohol and continual residual effect, ZaPro is truly the first of its kind!

8.5oz Bottle	\$8.79
8.5oz Bottle – 6PK	\$52.79
67.6oz Bottle	\$76.99
67.6oz Bottle – 4PK	\$285.99



Features & Benefits

Easily slip on laytex and rubber gloves directly after application

Doesn't dry out skin and no sticky residue

ZAPRO™ SURFACE CLEANER

ZaPro surface cleaner can be directly applied to a surface either from a spray bottle, or by moistening a cleaning cloth with the ZaPro solution and then wiping the surface.

16oz Bottle – 12PK	\$169.99
Intro Kit w/ sanitizer	\$29.99



ARMIS™ PROTECTIVE MASKS

HEPA filter standards that cover the nose and mouth. These masks can protect both doctor and patient from airborne particles and easily apply with special nose guard seal

DISPOSABLE 50PK \$98.99
SURGICAL 50PK \$170.49



ARMIS™ PROTECTIVE GOGGLES

Large rubberized goggles with elastic band for easy-to-see viewing and comfortable for long wear times. Anti-fog coating. 2pk.

\$98.99



ARMIS™ FACE SHIELDS

For complete coverage, Aegis face shields offer a large durable plastic cover that protects the full face. Comes with our non-slip comfort grip to stay secure during prolonged procedures. 100pk.

\$548.99



AEGIS™ PROTECTIVE UNIFORM

Aegis protective uniform is a great reusable PPE option. This washable uniform is made of 100% polyester with conductive fibers that promote both comfort and safety. This helps provide a protective barrier against light liquid, splashes, and biological contaminants. This reusable uniform is available in both one- and two-piece options. Keep your patients safe and your company safer with Aegis uniforms.

\$142.95



Features & Benefits

Fixed zipper with fabric cover

Washable and reusable

Elastic cuffs and ankles for convenience and mobility

Includes hood for full head coverage

Static Resistant

Available in 1 and 2 piece options

ARMIS™ DISPOSABLE COAT

Durable and Lightweight with breathable fabric, the Armis disposable coat also offers stretchable high neck collar and wrist cuffs for added protection. Each coat is splash resistant, nontoxic, nonflammable, and nonallergenic. 10pk.

\$65.99



SHEER WHITE![®]

BETTER Retention.
BETTER Revenue.
BETTER *Whitening!*

Sheer White! is the first in-office and take-home whitening strip system. The advanced teeth whitening strips are exclusively for the professional market. Sheer White! provides the easiest in-office teeth whitening solution, with no retraction or soft-tissue isolation necessary. The strips conform to the teeth while holding the potent formula to the enamel without leakage.

See more on page 8



CLINICAL PRODUCTS



Find everything you need from etching and bonding systems to healthy preventative solutions. New and innovative methods to replace existing out-dated operator costs.

FASTFIX™ SALINE PRIMER

FastFix is a one-step easy-to-use, porcelain conditioner, and primer. Our proprietary carboxylic acid formula removes the need for the use of hydrofluoric acid and comes combined with silane for a safer one-step process, ideal to prepare damaged, intraoral restorations.



\$73.69

Features & Benefits

- One-Step easy-to-use porcelain conditioner and primer
- Proprietary carboxylic acid formula removes the need for hydrofluoric acid
- The ingredient silane results in a safer process
- Makes CAD/CAM restoration placement fast, safe, and easy

BLISSETCH™ UNIVERSAL ETCHANT

BlissEtch uses a proprietary acid that allows you to treat teeth without the need to rinse the etchant away, and contains absolutely no phosphoric acids.



\$58.29

Features and Benefits

Contains 5% Glutaraldehyde to help eliminate postoperative sensitivity

Uses a proprietary acid that eliminates the need for teeth to be rinsed to remove the etchant

Contains no phosphoric acids

BLISSBOND™ UNIVERSAL ADHESIVE

BlissBond is ethanol based and contains no acetone. Its novel resin will cure with any dental curing light like the Ascent PX and provides exceptional bond strength.



\$68.19

Features & Benefits

Novel resin will cure with any dental curing light

Provides exceptional bond strength to dentin, enamel, metals, and porcelain

There is no easier-to-use bonding system available: simply apply, air thin, cure, and restore

When used with BlissEtch, BlissBond virtually eliminates post-operative sensitivity while providing strong bond strengths

CAVITY PHIGHTER™ CAVITY PREVENTION MINTS

Cavity pHighter offers a convenient and effective system for patients at risk of caries to identify the risk and neutralize it. Cool mint tooth decay prevention mints. The introductory kit includes 12 boxes of mints, 60 pieces each box.

\$142.95



CAVITY PHIGHTER™ CAVITY RISK TEST STRIPS

Cavity pHighter testing strips measure the pH and buffer capacity in your saliva. The strips are best used after a meal when these levels may be low, indicating that acid levels are high. Excessive acid levels may increase your risk for cavities.

\$142.95



Features and Benefits

Cavity pHighter Testing Strips report both pH level and buffering capacity of saliva

Cavity pHighter Mints are designed to counteract the production of acid after a meal

Mints contain sodium carbonate to neutralize any acid in the saliva and to increase the pH in the oral environment to a basic pH range (above 7)

The pleasantly flavored Mints also contain calcium ascorbate to flood the mouth with buffered calcium ions

The convenience and simplicity help assure compliance, so the system can be incorporated in the patient's care routine in-office or at home

CLEARVUE™ LED BULBS

The ClearVue family of LED bulbs is the first retrofit alternative for traditional halogen overhead operatory lights designed to help you see better and your patients feel better. Proper lighting is essential to delivering quality patient care while reducing staff weariness. A uniform 50mm x 25mm elliptical pattern minimizes eye strain and fatigue. Cutting-edge LED technology enables true color for perfect shade matching and a crisp 25,000 lux light pattern that illuminates only where you need it with no color temperature degradation.

Models will be available for A-Dec®, Pelton and Crane, and Midmark

\$274.95



Features & Benefits

As an LED bulb, ClearVue has very low heat emission

LED bulbs are long lasting. A ClearVue bulb is expected to last nearly 50,000 hours

LED bulbs are energy efficient. Their power consumption is about 10% hat of halogen bulbs

LED BULB CHART

	LED	Halogen
Heat Emission as % of Total Energy	10–20%	80–90%
Surface Temperature of Lamp	91°F	203°F
Lifespan Estimated, in Hours	About 5,000 hours	800–1200 hours
Power Consumption, Average	8 Watts	>60 Watts

*As measured on front surface of lamp 10 minutes after turning it on. Data on file.

FE™ SCRUB TIPS **FLOCKED-BULB TIP**

FEscrubTip® enables hemostatic agent application quickly, comfortably, and without concern for contaminated surfaces or occluded margins.

\$18.69



LIQUATIP™ TIPS **IRRIGANT AND PRIMER TIP**

LiquaTip® is designed to apply low viscosity syringe delivered materials with a controlled flow.

\$18.69



VISCOTIP™ TIPS **SEALANT AND COMPOSITE TIP**

ViscoTip® design is perfect for high viscosity adhesives, sealants, flowable composites and other filled material.

\$18.69



PRECISE LTM™ TIPS DIODE LASER TIP

These disposable tips are used on continuous fiber laser models and are available in both straight and curved.

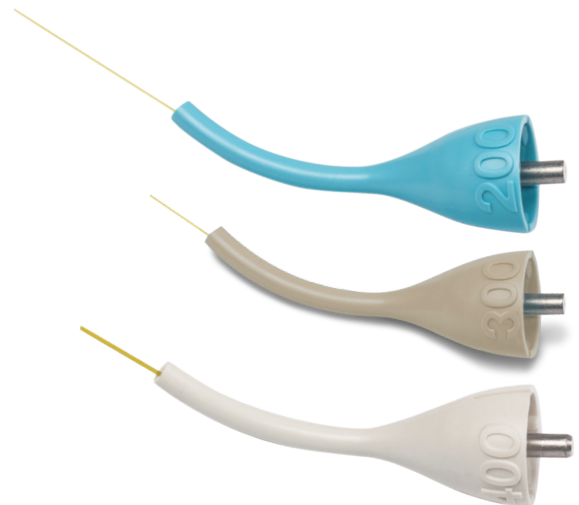
\$32.95



PRECISE SHP™ TIPS DIODE LASER TIP

These convenient pre-sterilized one time use 200um tips accommodate any soft-tissue procedure.

- 200µm 5pk **\$82.49**
- 300µm 5pk **\$109.95**
- 400µm 5pk **\$109.95**
- Variety 5pk **\$307.95**



PIONEER ELITE™ TIPS DIODE LASER TIP

These uni-dose tips have a built-in 400µm fiber, providing the convenience of a pre-stripped and cleaved fiber to attach to the laser handpiece. Available in both standard 6mm and Perio 9mm lengths.

\$395.99



PROTECTIVE GLASSES **810NM LASER SAFETY**

Laser Protective glasses shield the eyes from inadvertent exposure to harmful laser light during dental laser procedures. Available in both Sport and OverFit styles.

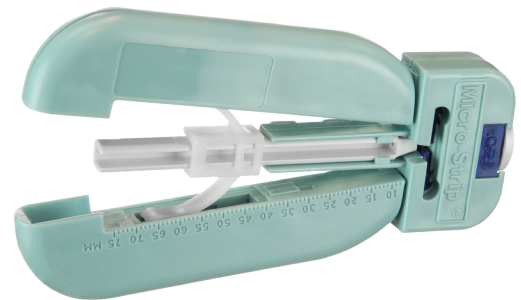
\$241.95



FIBER STRIPPER **810NM LASER SAFETY**

The laser fiber stripper is used to cut and remove the laser fiber's protective covering at the distal end, exposing the bare fiber to be cleaved in preparation for use.

\$197.99



FIBER CLEAVER STYLUS **810NM LASER SAFETY**

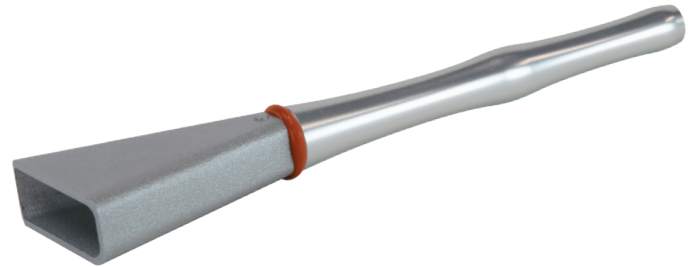
The Fiber Cleaver Stylus is used to cleave the tip of a laser fiber after the fiber jacket is stripped off to expose a portion of the bare fiber.

\$181.49



WHITENING HANDPIECE DIODE LASERS

Use this handpiece for whitening procedures for better and faster results.



\$450.95

BARRIER SLEEVES CURING LIGHTS

Use this handpiece for whitening procedures for better and faster results.



\$27.89

MARKETING MATERIALS PROMOTE YOUR PRACTICE

Ask our customer service about the many ways you can advertise our products to promote preventative care and improve patient comfort.

**Contact 877.877.9778
for more information.**



EASIER.FASTER.BETTER.™



CAO Group, Inc. (CAO) is one of the world's leading companies focused on understanding and optimizing the use and application of light and biomaterials in dental care applications. Driven by innovative technologies, CAO has been granted or filed more than 150* patents in these high-technology areas and is recognized as the product development leader in dental materials and devices, especially in LED curing lights and soft tissue surgical lasers. Under the direction of Densen Cao, PhD, CAO is headquartered in West Jordan, Utah, with FDA registered and EN 13485* certified manufacturing facilities in West Jordan, Utah and Beijing, China. CAO's mission in dentistry is to make applications of dental materials and devices Easier. Faster. Better™.



Densen Cao
President and CEO

*Data on file

Notes



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