Oral Science presents the photon series
dental diode laser by Zolar Technology

By Oral Science Staff

Furthering its goal to “make state-of-the-art innovations available to Canadian dental offices,” Oral Science is now the exclusive Canadian distributor of the Photon series soft-tissue dental diode lasers, manufactured in Canada by Zolar Technology and Manufacturing Co. (Mississauga, Ontario).

The new Photon series consists of two innovative devices: the Photon (3 watts/810 nm) is designed for minor and major surgeries, laser-assisted periodontal therapy and hygiene procedures, while the Photon Plus (10 watts/980 nm) offers more power, making it effective for in-office tooth whitening and bleaching.

According to Oral Science, the Photon series offers all the benefits of the most advanced generation of soft-tissue diode lasers:

• Complete portability with long-life battery pack (up to four hours and can be recharged while in use).
• Large 3.5-inch LCD touch-screen display with a unique built-in navigation technology.
• More than 20 presets for procedures including perio pocket therapy, gingivectomy, crown trenching, fibroma removal, frenectomies, sulcular debridement and removal of highly inflamed edematous tissue.
• Built-in tutorial.
• Available with all accessories, including disposable tips or stripable fiber, protective glasses and bleaching handpiece.
• Password security.
• Three-year warranty (the longest in the industry, according to the company).

Here at the PDC


The Photon, 3 watts/810 nm. (Photos/Provided by Oral Science)

Isolite Systems delivers dental-isolation technology

By Isolite Systems Staff

Dental isolation is one of the bedrock challenges in dentistry. The mouth is a difficult environment in which to work. It is wet, dark, the tongue is in the way, and there is the added humidity of breath, which makes the patient more difficult to work with, and also increases the risk of infection. Proper dental isolation and moisture control are two often overlooked factors that can affect the longevity of dental work – especially with today’s advanced techniques and materials.

Leading dental isolation methods have long been the rubber dam – or manual suction and retraction with the aid of cotton rolls and dry angles. Both of these methods are time and labor intensive – and not particularly pleasant for the patient.

Enter Isolite Systems: Its dental isolation technology delivers an isolated, humidity- and moisture-free working field as dry as the rubber dam, but with significant advantages, including better visibility, greater access, improved patient safety and a leap forward in comfort. Plus, it can do it all two quadrants at a time.

The key to the technology are the “Isolation Mouthpieces.” Compatible with Isolite’s full line of products, the mouthpiece is the heart of the system. It is specifically designed and engineered around the anatomy and morphology of the mouth to accommodate every patient, from children to the elderly.

The single-use Isolation Mouthpieces are available in five sizes and position in seconds to provide complete, comfortable tongue and cheek retraction while also shielding the airway to prevent inadvertent foreign body aspiration. Constructed out of a polymeric material that is softer than gingival tis-
Micro-powered LED illuminates handpieces’ operative field

Position of the LED enables AirLight V3 to deliver a brighter, larger light pattern

By Beyes Dental Canada Staff

- The AirLight V3 handpiece uses an innovative technology—an LED powered by a micro-generator to provide the operator a clearly illuminated operative field—without a fiber optic system.

According to the company, the AirLight V3 provides powerful torque to ensure easy cutting. The position of the LED provides a brighter and larger light pattern than the traditional fiber optic system.

Other features of the AirLight V3 include a triple water spray that effectively cools the entire surface of the bur to avoid overheating and a “micro-tex” coating that creates a micro-textured scratch-proof surface to enhance handling and durability.

The handpiece received “TOP 100 Product” and “Top 50 Technology” awards from Dentistry Today in 2013. In addition, the AirLight series received four stars from The DENTAL ADVISOR.

What AirLight customers say

“I’m a general dentist practicing more than 40 hours a week for the past 13 years. So far, I did work with many different handpieces. I feel lucky to have found and be able to work with the new AirLight V3 from Beyes.”

“This feels great in my hand: a good grip, a solid construction, strong power for prepping crowns, a nice swivel. Above all, the V3 has a new smart feature—a bright self-powered LED light.”

“Even with my five-times magnification loupes and headlight, I still appreciate this powerful light. I found it brighter than my other actual LED fiber-optic handpieces. I am happy to contribute to the success of a Canadian company. For all these reasons I recommend the AirLight V3 without any hesitations.”

Dr. Matthieu Menard, Quebec

“It’s light, fits well in hand and is easy to operate. The water spray is awesome, effectively cooling down the bur—and at the same time does not fill the patient’s mouth with water. The fiber-optic system is even better; light is bright and white, giving a wider vision and not focused on a single spot. Having all these cool features in a single handpiece is really great.”

Dr. Pierre Hayek, Quebec

“I was intrigued by the new technology of [this] handpiece, a fiber-optic handpiece without an external light source and without the cumbersome fiber-optic hose. Having practiced pediatric dentistry for 32 years, and having used these handpieces for the past six months, I can say that this is one of the best dental purchases that I have ever made.”

The balance and the quality of this handpiece is exceptional. The torque is excellent. The best feature is the bright white light. It really is amazing, to have such a small generator that can produce such an intense light, all housed within the handpiece. This handpiece is competitive, if not better, than any of the best branded handpieces. For the money, it is the best value out in the market.”

Dr. Allen Gaw, Texas

“The incorporation of the Beyes AirLight high-speed handpiece has proven a valuable tool for our clinical armamentarium, with great advantages of the light weight, high torque and brightness of the fiber-optics compared to other handpieces.”

“The handpieces work great, have good power and water spray. [Beyes’] products are great and its prices are way better than other manufacturers.”

Dr. Jaspal Singh Sarao, British Columbia

About Beyes Canada

Based in Toronto, Beyes Dental Canada takes advantage of a highly educated workforce and well-established manufacturing chain to provide high-quality, high-precision dental products at competitive prices.

All products are manufactured in compliance with Health Canada regulations, ensuring quality.

Its manufacturing facility is ISO 13485 certified under the Canadian Medical Devices Conformity Assessment System (CMDCAS).

The company serves dental communities in Canada, the United States, Colombia, Argentina, Mexico and elsewhere.

Here at the PDC

Learn more about the AirLight V3 and other high-precision dental products from Beyes Dental Canada in booth No. 229 (231/330/328). You can call the company at (416) 800-7475 or toll free at (877) 703-5562. Visit the company online at www.beyes.ca.

The AirLight V3. (Photos/Provided by Beyes Dental Canada)
Need a COO?

Successful practices have a chief operations officer. Does yours?

By Roxanne Moulden
Founder and Executive Director,
DOMACAN

In today’s world, dentists have to be savvy businesspeople as well as excellent clinicians. Organizing a successful dental practice has become more time consuming and definitely more complex as each year passes. The list seems endless: ever-changing human resource issues, complex government/provincial/dental regulations, the need to train new team members, promoting the practice in a highly competitive marketplace, meeting patient needs and expectations, mastering new technology—all while keeping the schedule full. This is just a sampling of what a 21st century office manager (or, as the position is now called, “practice administrator”) deals with on a weekly basis.

Why the name change from “office manager” to “practice administrator”? It’s because most people do not like to be “managed,” which is something we learned a long time ago.

The question is: Should you have an “office manager” or hire a “chief operations officer”? By definition, a COO is responsible for the corporation’s operations. This individual looks after issues related to marketing, sales, production and personnel.

More hands-on than the CEO, the COO looks after day-to-day activities while providing feedback to the CEO (the dentist/owner). Doesn’t this sound like what every modern dental office needs today?

‘I just want to do dentistry’

I hear over and over again from dentists across the country: “I just want to do dentistry and let someone else handle the rest.” Easier said than done.

A dentist in the 21st century office is working harder than ever before trying to balance office hours and family life. He or she is often working evening hours and Saturdays, bringing charts home to treatment plan—and staying on call 24/7 for emergencies—to provide exceptional care to patients and remain competitive.

A COO may be just what your office needs to relieve you of the many tasks that could be delegated to someone else.

Most effective practice administrators or COOs are not born that way. You may have a very skilled team member with many years of experience, but that person most likely doesn’t possess the necessary leadership skills and abilities to be your COO.

What makes a good COO?

Let’s examine the qualities of a good COO. An effective COO must:

• Possess an attitude of gratitude.
• Have a high dental IQ and be emotionally intelligent.
• Demonstrate strong communication skills.
• Excel at motivating and leading.
• Lead by example so others will follow.
• Take initiative and think “outside of the box.”
• Think quickly and solve problems.
• Understand all software reports.
• Be the most positive person you know.
• Be the liaison between the office and accountant, bank, sales reps, marketing companies, etc.
• Share your practice vision.

In a nutshell: Your COO must be everything you are not! If you already have this person on your team, remember to thank them daily. If you need someone like this to join your team, where do you start to look?

Whether you promote someone from within your office or hire someone from outside, the key to success is in the training of this individual.

Did you know there is a new organization to help you train and continually guide your future COOs? The Dental Office Managers and Administrators of Canada (DOMACAN), created to bridge the gap between the clinical and business sides of dentistry. (Photo/Provided by DOMACAN)
Air-driven, high-speed handpiece honored

By SciCan Staff

For four years in a row, THE DENTAL ADVISOR awarded SciCan’s STATIS™ ML air-driven, high-speed handpiece the Top Air-driven Handpiece. Upon completion of the clinical evaluation in 2011, the STATIS received a 5+ and a 96 percent clinical rating.

Among the observations and comments made by consultants: “Routine procedures, including crown preparation, were performed efficiently without the handpieces slowing or stalling.”

“The STATIS ML is the handpiece of choice for crown preparation, as it produces high torque with four-port water spray.”

“I liked the weight, balance and small head size.”


Consistent, quiet, powerful

State-of-the-art, STATIS high-speed handpieces combine consistent power, superb handling and quiet performance. The result is ergonomic handpieces that equip you with everything you need to deliver the highest level of dental care.

Powerful and durable, STATIS high-speed handpieces not only look good, according to the company, they also provide the highest level of precision handling. The smaller head size provides greater freedom of movement and improved accessibility. The pre-stressed ceramic ball bearings offer low vibration performance to improve the tactile feel of the instrument and the high-quality material and innovative design delivers extremely quiet performance and increased lateral cutting efficiency.

SciCan offers two high-speed air-driven handpieces to cover all clinical situations.

The ML 201.1 with standard head provides the power and durability you need for precise restorative and crown and bridge procedures.

The SL 101.1 offers a smaller head size that provides improved intraoral access, making it ideal for working on children and difficult-to-reach areas of the mouth. According to the company, both high-speed model handpieces offer many features that enhance their performance and reliability. The advanced design offers better handling while the high-quality stainless-steel materials and PVD coating offer improved grip and less scratching.

The unique patented push button chuck mechanism provides greater precision, improved centric running, reduced operating noise and less chattering.

The innovative spray system creates efficient cooling of the entire area and the enhanced head design eliminates suck-back — preventing contaminated particles and dust from entering the head housing. Plus the Conex™ “L” quick connect system, SciCan’s alternative to MULTILEX™ couplers, fits most modern treatment units.

High-tech ceramic bearings

One of the most important features of STATIS high-speed handpieces is the advanced turbine system. High-tech ceramic bearings and a new cage, composed of synthetic fiber and a reinforced composite resin, are designed to better withstand high sterilization temperatures and produce a lower friction coefficient — key factors in preserving the bearings and maintaining high performance and longevity of the handpiece.

SciCan’s innovative HPS (Hygiene Protection System) resin prevents build-up of debris in the inner cavities of the instrument. The HPS eliminates this notoriously difficult to clean area.

The SANAO electric handpiece series includes eight different models for a variety of applications. These applications include handpieces for high-speed procedures (crown and bridge), low-speed procedures (finishing and polishing), and even prophylaxis.

Disinfector and autoclave

For optimal reproprocessing of the STATIS and SANAO handpieces, the SciCan reproprocessing system with the STATIM® 4 autoclave and HYDRIM® G4 washer-disinfector and STATIM® 4 cassette autoclaves are highly recommended.

To experience the benefits of the STATIS and SANAO handpieces, you can visit booth No. 1029 here at the exhibit hall at the 2014 Pacific Dental Conference.

DOMACAN has something for everyone on the dental team. I invite you to become a member today by visiting www.domacan.org. For a limited time, you will be able to enjoy a complimentary membership courtesy of Henry Schein.

If you want to take your practice to the next level, you need to understand that you need to take your team to the next level. Take the first step, join DOMACAN and start training the right person to be your COO to maximize the potential in your team and your office today.

About the author

Roxanne Moulden is the founder and executive director of DOMACAN, the Dental Office Managers and Administrators of Canada. She can be contacted at info@domacan.org or through the DOMACAN website, www.domacan.org.