Pelton & Crane has been innovating in the dental world for more than 100 years, and 2011 will be no different, according to the company. Just two years after debuting the dental cabinetry Renaissance line, Pelton & Crane is launching the Pelton Classic at this year's Chicago Midwinter Meeting.

This will be an addition to Pelton & Crane's extensive product portfolio. Designed with high-quality materials and finishes, Pelton Classic cabinetry is built to provide essential functionality at a price point that will help dental practices everywhere come in under budget.

The Pelton Classic rear cabinet is full of possibilities: choose from 36-inch or 42-inch widths, fixed or gliding countertop on the 42-inch and various delivery options. The fixed countertop rears are designed to accommodate Pelton & Crane's well-known Spirit 2500 or 2800 delivery systems. The gliding countertop version is prepared to accommodate Spirit 1558 or 1522 delivery systems.

A larger upper module is available to accommodate the most commonly used CPUs, and door or drawer modules are available below to make the most of storage space. There's also a pull-down door with slide-out shelf option for easy storage of nitrous systems. Pelton Classic lets end-users configure rear cabinets that truly work for their practice.

The center island and side cabinets also prove to be versatile. Choose from 72-inch or 88-inch center island heights, storage or delivery style. For side cabinets, storage style is available in 62-inch, 50-inch and 30-inch widths. The 62-inch side is also available in delivery style. Drawer and door options (with fixed or slide-out shelves) ensure that storage space is utilized effectively.

The theme is the same: Pelton Classic provides the necessary options to optimize operatory workflow across various types of practices.

When it comes to finishes, the Classic line maintains Pelton & Crane's reputation of high quality. All cabinets come standard with Wilsonart® Gibraltar solid surface countertops. For center islands and side cabinets, stainless steel undermount sinks are standard, as are chrome faucets, soap dispensers and undermount waste drops. Vertical surfaces are finished with high-pressure laminate to ensure durability and resilience.

The Pelton Classic line demonstrates that having a functional, comfortable operatory without breaking the bank is completely achievable.
EDA co-founder Ina Pockrass presents at State of Green Business Forums

The Eco-Dentistry Association (EDA) co-founder Ina Pockrass presented at the prestigious 2011 State of Green Business Forums throughout the month of February. These two-day events were held in San Francisco (Feb. 2, 3), Chicago (Feb. 9, 10) and Washington, D.C. (Feb. 16, 17).

Pockrass gave a presentation at each forum about “One Great Idea: Transforming an Industry Without Pulling Teeth.” Pockrass spoke to her passion for transforming the dental industry into one that honors people and the planet, and to the economic benefits of the green dentistry movement.

She shared her personal journey from intellectual property attorney to green dentistry standard-bearer, and how collaboration between patients, dental practitioners and product manufacturers is making dentistry’s future brighter, more cost effective and easier on the Earth.

Additional speakers at the forums included California’s new Lieutenant Governor Gavin Newsom, CEO of Clorox Don Knauss, Director and Partner of Draper Fisher Jurvetson Steve Jurvetson and many more.

Each year, the State of Green Business Forum series brings together hundreds of advocates of green business to network and share the hottest trends in sustainability. The forum attracts the world’s foremost innovators, thought leaders and business executives from all industries to share sustainability opportunities realized in the prior year, and discuss the challenges ahead.

Attendees are provided with insights from the real world, what has worked and what has not, and a better understanding of how to efficiently incorporate those insights and techniques into their own organizations.

“Green business has gone from a niche in the margins to the mainstream as companies in all sectors see the environmental impact and the solutions,” Pockrass shared.

GreenDOC™ program, which certifies green dental offices nationwide, and the newly established EDA Accepted Seal, which evaluates green dental products based upon their waste, pollution and energy conserving attributes, have set the standard of excellence for green practice throughout the dental industry.

“I am honored to share with the broader sustainability business community the outstanding progress and successes of the dental industry,” said Pockrass. “Like many industries, dentistry has been slow to change, but our experience at the EDA is that as the industry is beginning to understand its environmental impact and the solutions, it is adopting more and more environmentally-sound methods.

This is good news for patients, practitioners, product manufacturers and distributors.”

The two-day events prepare attendees for success in the upcoming year through in-depth keynote interviews with industry leaders, insightful hands-on, interactive workshops led by field experts that demonstrate exactly how to apply concepts introduced throughout the forums. Workshop topics include employee engagement, sustainability reporting, life-cycle assessment and many others.

There were also “GreenBiz Guru” sessions, which are one-hour small-group consultations held by experts on a wide range of topics, sessions in Pockrass also participated in these sessions.


For more information about the Eco-Dentistry Association or Ina Pockrass, please log onto www.ecodontistry.org.
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Isolite Systems debuts small DV mouthpiece at CMWM

Isolite Systems, maker of the award-winning Isolite™ and Isodry dental isolation systems, will debut a new small deep vestibule (DV) mouthpiece for its dental isolation systems at the Chicago Dental Society’s Midwinter Meeting in Chicago, Feb. 24–26.

Both dental isolation systems hold the patient’s mouth open, keep the tongue out of the working field and guard the patient’s airway — all while continuously evacuating saliva and excess moisture. Working with Isolite Systems’ dental isolation technology allows dental professionals to perform procedures more efficiently with greater control over the oral environment.

The super-soft Isolite mouthpiece used with the Isolite and Isodry systems makes for a more comfortable experience for the patient, allowing the patient to rest his/her jaw on a soft-bite block versus having to hold it open for the entire dental procedure. With the tongue comfortably retracted by the Isolite mouthpiece, it is kept safely away from the dental procedure and the dental drill in order to avoid unintentional injury of the tongue. Additionally, the Isolite mouthpiece shields the patient’s airway as an added measure of safety to prevent inadvertent aspiration of a foreign body, such as a broken or extracted tooth, crown or implant.

With the addition of the new small DV mouthpiece to its product line-up, Isolite Systems now makes available six distinct super-soft mouthpieces that are designed to fit patients varying in size — from small children to large adults. The new size was developed for patients that need a small bite-block, but have a relatively deeper vestibule compared to other small-mouthed people. For these patient types, the new shape and design of the small DV mouthpiece allows for an even more complete tongue retraction and better fit in the mouth. Its expanded cheek shield shape provides improved suction that goes deeper into the vestibule. The new design also features a more stable bite block that provides for additional suction capacity behind the bite block, insuring saliva does not pool behind the mouthpiece.

The new small DV mouthpiece was developed based on customer feedback. “We had such a positive response to the medium DV mouthpiece that we introduced, we wanted to bring those advantages to our smaller-sized mouthpiece,” said Dr. Thomas Hirsch, Isolite Systems co-founder and director of clinical relations.

The small DV mouthpiece will be demonstrated, along with the company’s award-winning Isolite and Isodry dental isolation systems, beginning Feb. 24 at the Chicago Dental Society’s Midwinter Meeting at McCormick Place. Isolite Systems will exhibit at booth No. 445.

For more information about Isolite Systems and its products, including a video tour and clinical videos, please visit www.isolite-systems.com or call (800) 560-6066.
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Air-Flow kills biofilm

Subgingival application of the Air-Flow method allows smooth, efficient removal of bacteria in the periodontal pocket

Biofilm is a dirty word
Thousands of bacteria strains deep down in the periodontal pocket are responsible for the development of various diseases. The magnitude is enormous and so is the need for periodontal disease management.

No need to mention the increased risk factor on systemic diseases such as diabetes, stroke or premature birth.

Swiss-based Electro Medical Systems (EMS) is well known for Air-Flow®, the original method for supragingival air polishing. Yet, too few dental professionals are aware of the unique subgingival application of this mix of powder and air.

“Air-Flow goes subgingival,” says EMS, and brings the point home. A unique nozzle delivers the air-powder mixture deep into the pocket where rinsing water washes out the eliminated biofilm. The device and consumables go hand in hand for extraordinary results without any stress or risk for the patient.

The patented single-use Perio-Flow nozzle has been especially designed for use in deep periodontal pockets (up to 10 mm). According to EMS, it creates optimum but gentle turbulence in subgingival areas and prevents soft-tissue emphysema via three horizontal nozzle outlets for air-powder mixture and one vertical nozzle outlet for water.

Abrasive — a bad idea?
There is also the Perio Flow Method, and the company’s has specific features for its periodontal use. The glycine-based grain is extra-fine (25 µm). In addition, the grains have a particularly low specific density (d 50).

As a result, the original Perio Flow Method is highly effective when it comes to abrasing harmful biofilm, but will not do any harm to the tooth surface or dentin, explains the company.

According to EMS, it is important to lay this misconception to rest: abrasion is not wrong, as long as, from the gingival crest to the deepest periodontal pockets, it has no adverse effects on the tooth.

A representative from EMS said that the company is very enthusiastic about the growing market acceptance of the Perio-Flow Method and that the company is proud to go beyond the boundaries of conventional periodontal disease management.

If your patients only knew
The wound surface of moderate periodontitis in the entire oral cav-

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**Fig. 1:** Perio-Flow handpiece and nozzle for subgingival use. (Photos/Provided by EMS)

**Fig. 2:** Wound surface of moderate periodontitis in the entire oral cavity.

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**2011 SPEAKERS**

| Dr. Scott Benjamin | Dr. Martha Ann Keels | Dr. Anita Murcko |
| Dr. Lee Ann Brady | Dr. Mark Kleive | Dr. Mark Murphy |
| Ms. Rosemary Bray | Dr. Doug Lambert | Dr. Stephen Niemczyk |
| Dr. Lynne Brock | Dr. Brian LeSage | Dr. Linda Niessen |
| Dr. Steve Buckley | Dr. Roger Levin | Dr. Ray Padilla |
| Dr. Alan Budenz | Dr. Donald Lewis | Dr. Steve Ratcliff |
| Ms. Debbie Castagna | Dr. David Little | Dr. Jose Luis Ruiz |
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| Dr. Gary DeWood | Dr. Kaneta Lott | Dr. John Sivsky |
| Dr. M. Franklin Dolwick | Dr. Denis Lynch | Dr. Keith Thornton |
| Dr. James Fondriest | Ms. JoAnn Majors | Dr. Karen Troendle |
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| Dr. Timothy Herndon | Dr. Thomas McGarry | Dr. William van Dyk |
| Dr. Maria Howell | Dr. John Carl McManama | Dr. Robert Winter |
| Dr. Randy Hufnanes | Dr. Dale Miles | Dr. James Wood |
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More honors for NOMAD Pro handheld X-ray
Aribex CEO receives Utah Governor’s Medal

Recognitions continue to accumulate for the advances in radiography brought about by the innovative NOMAD® handheld X-ray system.

On Jan. 19, D. Clark Turner, PhD, president and CEO of Aribex®, was awarded the Utah Governor’s Medal for Science and Technology in a ceremony in Salt Lake City. Utah Governor Gary Herbert made the presentation to Turner and six others for providing distinguished service in technology.

The award was presented in recognition of Turner’s creation and development of the NOMAD handheld X-ray system, which filled the need for a truly portable, lightweight dental X-ray. Unlike the bulky wall-mount systems dentists have traditionally used, the NOMAD X-ray is lightweight, rechargeable and can go anywhere.

“The NOMAD Pro has forever changed the way that dental radiography is performed,” said Turner. “It has become a staple in dental offices everywhere.”

The revolutionary handheld design of the NOMAD Pro allows the dental technician to remain chairside during the radiographic procedure.

This offers greater efficiency, reduces retakes and decreases the time the patient has to sit still with film or a sensor in his or her mouth. The device’s rechargeable battery gives hundreds of diagnostic-quality radiographs with a single charge.

NOMAD Pro is designed for general purpose dentistry but has additional benefits for use with children, sedated patients or special needs patients. Weighing just 5.5 pounds, one NOMAD Pro can serve multiple operatories in an office and then be taken to a hospital, nursing home or any location for treatment at the point of care.

The NOMAD Pro incorporates modern internal shielding to block radiation leakage and a backscatter shield to protect the operator from X-rays scattered from the patient. Numerous independent tests have proven the NOMAD Pro safe for both the operator and the patient. Thousands of NOMAD devices are now in use in numerous professional offices.

Because it is so easily transported, Turner’s invention has also made access to dental care possible in countless humanitarian clinics around the world.

Hundreds of thousands of peo-
people in the most remote locations have benefited from improved dental health care made possible by the NOMAD.

Aribex and NOMAD have received numerous honors, including The Wall Street Journal technology innovation awards for 2010 and the Pride Institute “Best of Class” Technology Award.

“It’s all been very gratifying,” said Turner, “to see the efforts of our company change lives so profoundly.”

Fig. 3: Implants are a poor investment without regular periodontal disease management.

Immune system, often with dramatic effects on the body as a whole.

Four out of five patients suffer from a form of periodontitis (30 percent severe).*

If they knew that periodontitis is the most common cause of tooth loss, wouldn’t they ask for a way to prevent it?

Implants, too, come loose with the withdrawal of bone tissue. According to EMS, regular prophylactic treatment with the original Perio-Flow Method is proven to prevent peri-implantitis and its costly aftermath.

Thus, the implant patient is and continues to be a patient, too.*

* German Oral Health Survey, 2006

Keystone Industries: more than a lab supply manufacturer

Keystone’s history dates back to as early as 1900 and is one that the company is extremely proud of.

Keystone Industries is composed of several dental and medical manufacturing and distribution subsidiaries, which include:

- National Keystone, founded in 1930;
- Tri-Dynamics founded in 1977;
- Mizzy (which includes Syrijet) founded in 1900;
- Ped-O-Jet founded in 1968;
- and T&S Dental and Plastics Manufacturing Co. founded in 1976, which is now known as Keystone Industries-Myerstown.

Dental Resources, also located in Myerstown, Pa., was acquired in March of 2003.

Keystone also merged with Deepak Products in 2008 with manufacturing in Miami.

Keystone Industries is a leading manufacturer in denture acrylics, thermal forming materials and machines, APF fluoride gels and foams, prophylactic paste, high-volume evacuators and packaging material.

In addition, Keystone runs the gamut from abrasives, carbides, chemicals, brushes, crucibles, Fleck’s cement, PIP paste and the Syrijet for the dental industry.

The company’s capabilities are only bound by its clients’ imaginations.

The company has the ability to manufacturer almost any resin, plastic or chemistry found in the marketplace on an OEM or private label basis.

The perception that Keystone is strictly a lab supply manufacturer is about to change, according to the company.

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