Aribex launches NOMAD Pro 2

Portable X-ray system is lightweight, rechargeable — and can go anywhere

By Aribex staff

For almost a decade, Aribex has been quietly ripping the X-ray system off the wall and putting it into the hands of the dental team with its handheld and completely mobile X-ray system, called the NOMAD.

According to the company, one NOMAD does the work of multiple wall-mounted X-ray systems, which can save the typical dental practice thousands of dollars in equipment costs. Moreover, because the NOMAD enables dental team members to safely and effectively stay with their patients during X-ray procedures, a bitewing series can be completed in half the time required by a wall-mounted system.

Unlike conventional wall-mount and portable X-ray systems, the NOMAD is lightweight, rechargeable (battery-powered) and can go anywhere. Dental professionals around the world have been choosing the NOMAD as their preferred X-ray device, in and out of the office, with almost 13,000 NOMADs now in use.

Building upon the successes of previous innovation and design, Aribex is excited to introduce the NOMAD Pro 2, providing the same mobile convenience and cost savings as previous models while increasing durability and performance.

“The Pro 2 is exactly what our customers want,” said Ken Kaufman, general manager of Aribex. “We asked our customers how we could improve our marquee product. We listened, designed prototypes, asked for feedback and iterated until we met their requests. The end result of all of that hard work is the Pro 2. It’s simply the world’s best handheld X-ray system yet.”

The newly designed battery handset with infrared connectors, together with a new charging cradle, improves the system’s durability and boosts battery performance. “One consistent comment we heard from our customers focused on the charging station,” said Kaufman. “Our engineers spent hours working with customers, researching new solutions. Our final design is a big improvement, and our customers will agree.”

Durability is further enhanced by a re-engineered user interface that is more scratch- and moisture-resistant.

“The operatory environment can be hard on equipment, particularly with our products that are easily carried from operatory to operatory,” said Kaufman. “The NOMAD Pro 2 will stand up to repetitive antisepsic and cross-contamination control.”

To learn more, contact your equipment dealer, an Aribex sales rep or visit the company’s website at www.aribex.com.

“We’re excited to show our customers our new innovations and enhancements,” said Kaufman. “We invite our customers to visit our exhibit at booth No. 2201 for a special demonstration of our new NOMAD Pro 2.”

Here in San Francisco

For a demonstration of the new NOMAD Pro 2, stop by the Aribex booth, No. 2201.
Shattering the status quo

The world’s FIRST wireless loupe + headlight in one

Come to BOOTH #1802 to be among the first to see the Brand New XV1 from Orascoptic.
Photo essay: BruxZir Solid Zirconia meets an anterior esthetic challenge

By Michael C. DiTolla, DDS, FAGD

This article illustrates recent advancements by Glidewell Laboratories to improve the esthetic properties of BruxZir® Solid Zirconia restorations. As the lab’s research and development department refines its processes, improving the material’s translucency, the esthetics continue to improve.

First appointment

We will replace the PFM crowns on teeth #8 and #9 (Fig. 1) with BruxZir Solid Zirconia crowns (Glidewell Laboratories). First, we take the shade. I use the VITA Easyshade® Compact (VITA Zahnfabrik), which displays the shade in both VITA Classical and VITA 3D-Master® shades.

First, we take the shade. I use the VITA Easyshade® Compact (VITA Zahnfabrik), which displays the shade in both VITA Classical and VITA 3D-Master® shades. Next, I hold the selected 2M1 3D-Master shade tab to the tooth, along with the 1M1 3D-Master shade tab for contrast. We photograph the shade tabs in the mouth. I use an Ultradent syringe to place PFG gel (Steven’s Pharmacy) into the sulcus of teeth #8 and #9.

Scientific) to anesthetize teeth #8 and #9. The Razor® Carbide bur (Axis Dental) easily cuts through porcelain and metal substructures, and when used in combination with my KaVo ELECTROtorque handpiece (KaVo Dental), it easily cuts through the existing PFM. I torque the crown with a Christensen Crown Remover (Hu-Friedy).

After using a periodontal probe to ensure I have enough biologic width to safely remove some tissue (Fig. 2), I use my NV MicroLaser™ (Discus Dental) to remove 1.5 mm of tissue with the margins exposed. I use an 856-025 bur (Axis Dental) and KaVo ELECTROtorque handpiece to drop the margins to the new gingival level.

My assistant relines BioTemps® Professionals (Glidewell Laboratories) on teeth #8 and #9 with Luxatemp provisional material (DMG). Using a thin, perforated diamond disc (Axis Dental), we open the gingival embrasures to avoid blunting the interproximal papilla and make sure the gingival margins aren’t overextended and the emergence profile is flat. We use TempBond® Clear™ (Kerr Corp.) to cement the BioTemps and loupes to inspect around the temps and gingival embrasures for excess cement.

Second appointment

After two weeks, we remove the temps and clean the preps with a KaVo SONICflex scaler.

After trimming the gingival margin with the diode laser, I place an Ultrapak® cord #00 (Ultradent), cutting the cord intraorally on the lingual to avoid any overlap. I place a second cord (Ultrapak cord #2E) before refining the preparation. As I pack the top #2E cord on tooth #8, the top cord on tooth #9 exposes the margin (Fig. 3). Now we can begin finishing the preps using a fine grit 856-025 bur.

Two moistened ROEKO Comprecap Anatomic compression caps (Coltène/Whaledent) are placed on the preps, and the patient bites with medium pressure for eight to 10 minutes. The Comprecaps are removed and the top cords pulled. We syringe medium body impression material around the preparations for the impression and take a bite registration. The temporaries are then replaced.

Third appointment

After two weeks, the temps are off, the BruxZir crowns are approved and we place a layer of desensitizer on the teeth (G5™ All-Purpose Desensitizer [Clinician’s Choice]). I use a Warm Air Tooth Dryer (A-dec) after applying both coats of the G5, while my assistant places Z-PRIME™ Plus (Bisco) inside the crowns.

In this “after” picture (Fig. 4), there isn’t any porcelain on these BruxZir crowns. I’m not suggesting you suddenly switch all of your anterior restorations to BruxZir crowns, but you may want to consider using it for patients with para-functional habits or old PFMs, where an esthetic improvement is essentially guaranteed.

For more information on BruxZir crowns or to see them for yourself, stop by the Glidewell Laboratories booth, No. 1328.

Here in San Francisco

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Dental Tribune Study Club
LIVE SYMPOSIUM

Dental Tribune would like to invite you to participate at the ADA Annual Session in New Orleans
Oct 31 - Nov 2, 2013 at the ADA Exhibit Floor

Come visit Dental Tribune at the ADA Annual Session, Booth #3457

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Improving gingival retraction

AccessFLO by Centrix is a kaolin clay-based gingival retraction paste in a single-use, unit-dose syringe delivery tip

Gingival retraction and tissue management
Performing gingival retraction and tissue management is a critical step in crown and bridge procedures. The most common technique is the use of packing (retraction) cord; however, several alternate cordless retraction materials and additional techniques have evolved. In some cases, combination techniques are used involving both retraction cord and cordless materials. Using a retraction cord can be an unpleasant and time-consuming procedure for you, your staff and your patients. The use of cordless materials and techniques as part of crown and bridge procedures is a growing trend being adopted by more dental professionals.

A new addition
Centrix, a dental products manufacturer, continues its mission to “make dentistry easier.” Centrix is a key leader in the cordless gingival retraction arena with products that are minimally invasive and tissue-friendly, according to the company. Starting several years ago, with its launch of the first silicone VPS cordless gingival retraction product, called GingiTrac™, Centrix captured a piece of the retraction market. In 2012, Centrix then launched a kaolin clay-based gingival retraction paste called Access® Edge, which is sold in a single-use, unit-dose Centrix syringe delivery tip. Now, in 2013, Centrix announces the newest addition to its cordless gingival retraction family: AccessFLO, a more flowable kaolin clay-based gingival retraction paste in a single-use, unit-dose Centrix syringe delivery tip.

An ideal gingival retraction solution?
AccessFLO is a flowable clay-based gingival retraction paste for use prior to all crown and bridge impression procedures. Minimally invasive and tissue friendly, AccessFLO allows for quick and easy tissue displacement without the need for packing cord. Alternately, AccessFLO can be used in conjunction with packing cord, acting as a second cord.

Available in single-use, unit-dose Centrix syringe tips, AccessFLO can save time while eliminating cross-contamination, according to the company. The built-in combined dual action of 15 percent aluminum chloride hemostatic agent and kaolin clay help to control bleeding and seepage of sulcular fluids. When it comes to cleanup, AccessFLO is easily rinsed out and removed with water spray and a vacuum after a minimum of only two minutes.

With AccessFLO, you can also achieve improved gingival retraction for more clearly defined margins by incorporating Centrix GingiCaps™, which utilize patient bite-down pressure to push AccessFLO into the sulcus.

In addition, AccessFLO comes in a con-
venient storage package so you never have to worry about the material drying out.

**AccessFLO features and benefits**

- Flowable clay-based gingival retraction paste that is simple and easy to use
- Gentle, non-traumatic gingival retraction without packing cord that ensures clearly defined margins for better fitting restorations
- Can be used as a "two-cord technique," acting as a second cord
- Single-use, unit-dose Centrix syringe delivery tips eliminate cross-contamination concerns of multi-use bulk syringes or cartridges
- Built-in dual astringent/hemostatic action of 15 percent aluminum chloride and kaolin clay control bleeding and seepage of fluids
- Easy cleanup and removal — simply rinse off with water spray, remove after a minimum of two minutes and reveal a clean, "open" sulcus
- Convenient packaging to save time, eliminate cross-contamination and keep material from drying out

**About Centrix**

Centrix is a Connecticut-based dental products manufacturer, founded in 1970 by Dr. William B. Dragan with a mission to "make dentistry easier." The goal of Centrix is to create products aimed at helping the dentist in his or her everyday practice. Over the years, Centrix has continued to grow by expanding its product lines and continuing to improve upon existing concepts, while always keeping an eye on the quality of the product and simplicity of use.

**Everything you need for a sinus lift procedure**

Kit includes all needed instrumentation

OCO Biomedical, a creator and distributor of dental implant technology for more than 30 years, introduces the DD Sinus Lift™ Kit. The DD Sinus Lift Kit contains all of the instrumentation needed to perform a sinus lift procedure using the crestal approach. The DD Sinus Lift technique is unique in that it allows for permeation of the blood supply from the osteotomy into the sinus cavity for enhanced healing and formation of new bone. All components are labeled for easy removal and return to the tray after autoclaving for sterilization. There is also an extra compartment underneath the caddy that provides room for additional instruments, if necessary.

The DD Sinus Lift made its debut at a two-day advanced surgical course held at the OCO Biomedical training facility in Albuquerque, N.M. Course participants were able to observe a crestal approach sinus lift procedure during a live surgery performed by a local dentist. They were also able to perform the procedure on models that were specially designed for the crestal approach sinus augmentation.

**Here in San Francisco**

To obtain additional information on the DD Sinus Lift Kit, call (800) 228-0477 or stop by the OCO Biomedical booth, No. 1338.

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**Using AccessFLO.**

OCO Biomedical, a creator and distributor of dental implant technology for more than 30 years, introduces the DD Sinus Lift™ Kit.
Check out a product demonstration of BEAUTIFIL Flow Plus — now offered in four shades

Shofu Dental is holding product demonstrations at booth No. 1726, featuring its new injectable hybrid restorative, BEAUTIFIL Flow Plus. Now available in four new shades — B1, B2, C2 and D2 in two viscosities — BEAUTIFIL Flow Plus gives dentists even more esthetic treatment options at their fingertips.

BEAUTIFIL Flow Plus combines hybrid-like strength and functionality, unique handling and stackability and a flowable delivery. Additionally, it has 15 percent more radiopacity than enamel and offers the benefit of fluoride release and rechargeability.

Those interested in seeing the material firsthand are encouraged to come check it out at the Shofu booth. According to Shofu, BEAUTIFIL Flow Plus represents the next step in the evolution of restorative materials, based on its convenient flowable delivery system and its physical properties and functionality that rival leading hybrid composites.

Brian Melonakos, president of Shofu Dental, said he has been very pleased with the success of the product. “We’ve always known that we have an amazing product on our hands … but none of us imagined how quickly it would catch on,” he said.

Unlike other flowables, BEAUTIFIL Flow Plus has stay-put handling and physical properties that allow use on the occlusal surface and marginal ridge, eliminating the need to pack a hybrid composite on top.

A flowable base, liner and final restorative material, BEAUTIFIL Flow Plus is approved for all indications (Class I–V). With a smooth, self-leveling consistency, the material leaves a tight marginal seal on the bottom and a smooth, ready-to-polish surface on top.

Moreover, Shofu’s proprietary S-PRG (surface pre-reacted glass) technology provides sustained fluoride release and recharge that can’t be found in any other composite material.

BEAUTIFIL Flow Plus is available in two distinct viscosities. F00 (zero flow) offers precision stacking, and F03 (low flow) is an ideal base/liner.

For a limited time only, BEAUTIFIL Flow Plus is available in two introductory kits. The standard kit (PN 2000S) offers two 2.2-gram syringes of both viscosities in shades A2 and A3, and the pedo kit (PN 2000P) offers two 2.2-gram syringes in both viscosities in shades A1 and bleach white.

Both kits also contain samples of Shofu’s top-selling products, including the seventh-generation bonding agent BeautiBond, One Gloss, Super Snap and Shofu’s hybrid material, BEAUTIFIL II. The kit retails for $102.25 (a $160 value).

Stop by the Shofu booth, No. 1726, to see BEAUTIFIL Flow Plus for yourself.
Replicating BioTemps® anatomy for final restorations enhances patient satisfaction

*BioTemps® can be digitally scanned and then replicated for the final ceramic restoration.*

*Choose from BruxZir® Solid Zirconia, IPS e.max® lithium disilicate, Prismatic Clinical Zirconia™ or PFM restorations.*

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**For more information**

**888-786-2177**

www.glidewelldental.com
The PhotoMed/Nikon D7100 Digital Dental Camera is specifically designed to allow you to take all of the standard clinical views with “frame-and-focus” simplicity.

All of the necessary camera settings are pre-programmed in two user modes on the camera dial. One setting is for portraits, and the other is for close-up photos. Once you’ve selected the mode, just focus and shoot. Proper exposure and balanced even lighting are assured, according to the company. PhotoMed offers the D7100 with three lens choices and four macro flash options, including a wireless macro flash that gets rid of power packs and cords.

For more information, visit www.photomed.net, call (800) 998-7765 or stop by the PhotoMed booth, No. 722, here at CDA Presents.

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The Orascoptic XV1 is a wireless loupe and headlight in one. This new innovation combines Orascoptic’s award-winning loupes with its award-winning headlight and features a lightweight and completely cable-less design. By removing the heavy and bulky belt packs of past headlights, XV1 was ergonomically designed for comfort, function and style.

For more information or to see the XV1, stop by the Orascoptic booth, No. 1802, here at CDA Presents.

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We improved upon every aspect of the NOMAD.

We made it more durable. We made it even more reliable. We significantly improved battery performance.

Pro 2 provides hundreds of images from one battery charge, and goes easily from operatory to operatory, in or out of the office. For existing practices with aging equipment that needs to be replaced, the NOMAD Pro 2 is a value-added option.

Come see the new NOMAD Pro 2!
CDA San Francisco Booth # 2201