Dürr presents the next generation of Tornado compressors

For decades, air compressor systems by Dürr Dental have been renowned for their sturdiness, strong, durable performance and the highest quality standards. Now the company has further improved its successful Tornado compressors, as the one and two cylinder systems are not only exemplarily quiet but also highly energy-efficient.

The new Tornado 1 and Tornado 2 units combine all the advantages of their predecessor models including dental air of the highest quality, a compact form, excellent sturdiness and lasting value. An optional, pre-assembled, noise-reducing hood subtly embodies the award-winning design of the Tornado. Together with an elaborate air extraction solution it also operates extremely quietly at an incredible 54 dB, which is comparable to the noise level of a warm summer rain shower or a whispered conversation. These attributes not only save clinicians a lot of time and anxiety, according to the company, but also substantially more efficient than earlier models while consuming 15 per cent less energy to deliver the same performance.

Both units can be supplied with a membrane dryer, if required, for uninterrupted operation around the clock. The systems also provide the highest standards of hygiene, among other things, through an anti-bacterial inner coating of the pressure tanks. Owing to these features, Tornado compressors are powerful and economic enough to supply up to three treatment rooms, the company said.

DÜRR DENTAL, GERMANY
www.durr-dental.de
Booth A68

Whole range of lab products on display by Adentatec

Soredex: Right tools for the job

Soredex introduces complete posterior solution

Adressing all problems a clinician faces when restoring a single tooth in the posterior, Nobel Biocare is trying to bring innovation back to the posterior region with its new complete posterior solution. Multiple NobelBiocare novelties combine to make this solution complete, but the foundation for treatment success is the implant itself, the company said. Here Nobel Biocare offers several options, each engineered for the specific demands of the posterior. A new variant offers the benefits of the NobelActive family but with dimensions ideal for the molar region. The NobelActive WP (wide platform) implant possesses a wider diameter implant body (5.5 mm) to better capture the molar extraction sites in the molar region and a wider implant platform for an optimal emergence profile.

NobelActive WP also comes in an option with a shorter body (4.5 mm) to avoid critical anatomical structures such as nerves.

3D imaging is fast becoming indispensable in diagnostic work.

SOREDEX is showcasing its most advanced CRANEX extra-oral imaging device to date. The CRANEX 3Dx system combines panoramic and cephalometric imaging with advanced CBCT imaging. It features five fields of view (from 5 x 5 cm to 3 x 3.5 cm) with a selection of resolutions, including high, standard and a low-dose programme called Minidose. Minidose 3D programmes are recommended for radiation dose-sensitive cases, such as children, for implant planning, sinus imaging, and follow-up imaging, to name just a few applications.

In addition, CRANEX 3Dx provides a specific endodontic programme, ensuring accuracy and detailed diagnostic information for challenging cases.

At Booth A286, SOREDEX is also exhibiting CRANEX Novus e, a 2-D digital panoramic unit with a new sectional panoramic programme. Moreover, congress attendees can view the MINRAY intra-oral radiographic unit and well-known DIGORA product family at the booth. Launched in 1994, DIGORA was the world’s first intra-oral imaging plate read-out system. DIGORA, which comes in two models, continues to be the industry benchmark.

Dental imaging has never been as exciting as it is today, and 3D imaging is rapidly changing the way clinicians perform diagnosis and determine subsequent treatment. More information about diagnostic imaging and optimising the imaging workflow can be found at www.soredex.com.

SOREDEX, FINLAND
www.soredex.com
Booth A286

Nobel introduces complete posterior solution

Both new implants also benefit from Nobel Biocare’s internal conical connection. This advanced connection’s conical seal and hexagonal interlocking mechanism provide high mechanical strength. It offers restoratively flexible too, being compatible with Nobel Biocare’s most innovative restorative solutions, including those designed specifically for the posterior. These include the new PEAK Healing and PEAK Temporary Abutments, which are anatomically shaped to match the molar contours. As the PEAK Abutments come ready-shaped for an optimised emergence profile, fewer adjustments are needed. This can simplify treatment and reduce costly chair time.

When it comes to the final restoration, the FCZ (full-contour zirconia) implant Crown is designed for strength and predictability even under the high occlusal forces of the posterior. There’s no worrying about chipping either, as the full-contour nature of the NobelProcera FCZ Implant Crown removes the need for veneering.

The biocompatibility of the materials used contributes to biological stability in the areas it matters most. Plus, being screw retained, the FCZ Implant Crown is completely cement free, avoiding the risks associated with cement excess. Even the titanium adapter is mechanically retained.

The ability to use an angulated screw channel (ASC) allows the screw access hole on the FCZ Implant Crown to be placed anywhere between 0° and 25° in a 360° radius. This means it can be angled towards the front of the mouth for easy access, even in the posterior. It also helps avoid placing the access channel on the cusp of a tooth, where it could affect occlusion. The associated Omnipringer Screwdriver further simplifies work on the restoration. Its effective pick-up function and secure grip on the screw help the clinician to work safely and efficiently.

Natural-looking tooth color is another benefit offered by the FCZ Implant Crown. Whichever of the eight available shades is used, the color is applied throughout the material. This means discoloration isn’t a concern when making adjustments. Cutbacks and staining can also be used to achieve the desired aesthetic effect.

Nobel BIOCARE, SWITZERLAND
www.nobelbiocare.com
Bringinginnovation
Booth A211
6 Months Clinical Masters™ Program in Aesthetic and Restorative Dentistry

8 days of intensive live training with the Masters in Dubai (UAE)

2 sessions, hands-on in each session, plus online learning and mentoring.

Learn from the Masters of Aesthetic and Restorative Dentistry:

Dr. Panos Bazos  
Dr. Stavros Pelikanos  
Prof. Francesco Mangani  
Prof. Angelo Putignano

Registration information:

8 days of live training with the Masters in Dubai (UAE) + self study

Curriculum fee: €6,900

(Based on your schedule, you can register for this program one session at a time.)

Details on www.TribuneCME.com

contact us at tel.: +49-341-484-74134  
email: request@tribunecme.com

Collaborate on your cases and access hours of premium video training and live webinars.

University of the Pacific: you will receive a certificate from the University of the Pacific.

100 C.E. CREDITS

Tribune Group GmbH is an Approved PACE Program Provider by the Academy of General Dentistry. The formal continuing dental education programs of this program provider are accepted by AGD for Fellowship, Mastership, and membership maintenance credit. Approval does not imply acceptance by a state or provincial board of dentistry or AGD endorsement.

Tribune Group GmbH is the ADA CERP provider. ADA CERP is a service of the American Dental Association to assist dental professionals in identifying quality providers of continuing dental education. ADA CERP does not approve or endorse individual courses or instructors, nor does it imply acceptance of credit hours by boards of dentistry.
ACTEON presents its new X-Mind trium dental panoramic, which is upgradable to 3-D (EBCT) and/or cephalometry.

It has a full range of medium FOV size for the realisation of the 2-D and 3-D examinations, which makes it the perfect tool for implant surgery, endodontics, orthodontics, periodontal treatment, as well as general dentistry and ENT.

The combination of the smallest voxel size available on the market (75 μm) and the in-house developed SHARP and STAR filters is supposed to ease the use of the device and make diagnosis more reliable. According ACTEON, X-Mind trium has four FOV sizes ranging from Ø 40 x 40 mm to Ø 110 x 80 mm to limit the exposure on the region of interest. The FOV are native and not stitched, the company said.

Owing to a patented mechanism, the secondary collimation does not need to be on the cephalometric arm. The positioning of the patient on the cephalometric module can therefore be easier and faster. Furthermore, the arm can be shorter giving the X-Mind trium one of the smallest footprints for a cephalometric product. Clinicians can operate the device easy and intuitively with the ACTEON Imaging Suite (Windows and Mac OS X). Its open architecture makes it compatible with most of the Patient Management Systems of the market.

www.idem-singapore.com

STRIVING FOR CLINICAL EXCELLENCE

Online Registration Now Open!

INTERNATIONAL DENTAL EXHIBITION AND MEETING

APRIL 8 - 10, 2016

Suntec Singapore Convention & Exhibition Centre

Meet over 550 Exhibitors!

Join the IDEM Singapore Trade Fair to meet over 550 internationally recognized manufacturers, distributors and traders. With exhibitors showcasing their latest products and services on levels 4 and 6, your visit will be packed with opportunities to strike new deals and re-enforce existing partnerships. Register online for your FREE exhibition entry.

Planmeca FIT system seamlessly integrates intraoral scanning, 3-D designing and chairside milling into one system, allowing clinics to treat patients in a single appointment. Since the Planmeca PlanScan intraoral scanner can be integrated with any digital Planmeca dental unit, it can be used just like any other instrument and easily shared between different users. Live scanning data can be constantly accessed from a dental unit's cabinet device, while sound guidance further ensures optimal data capture.

The Planmeca PlanCAD Easy design software is ideal for a wide range of prosthetics planning. It provides the perfect tools for sophisticated 3-D designing at dental clinics, ensuring the precise placement of restorations. Completed designs can either be sent to a lab in an open STL file format, or manufactured on-site with the Planmeca PlanMill 40 milling unit. Packaged with refined power, the unit produces restorations from a large selection of materials, exactly according to the design.

All steps of the Planmeca FIT workflow can be controlled and accessed through the Planmeca Romanis software platform. In addition, the software provides remote real-time usage information on the Planmeca PlanMill milling unit, allowing clinics to locate resources and monitor ongoing milling processes.

PLANMECA, FINLAND

www.planmeca.com

Booth A405
The DTI publishing group is composed of the world's leading dental trade publishers that reach more than 650,000 dentists in more than 90 countries.

www.dental-tribune.com

VISIT US AT
FDI 2015
BOOTH B77
Exhibition  Live Product Presentations  Hands-on Workshops
Printed Reference Guide  Coffee With the Experts

www.DDSWorldShow.com
GC exhibits a whole new level in glass ionomer technology

With EQUIA, aesthetic bulk placement is now possible in posterior restorations, according to dental manufacturer GC. EQUIA is an advanced restorative system that features a new generation of glass particles (EQUIA FI Capsules) and a highly-filled resin coating material (EQUIA Coat). This way, it combines quick and easy handling with good physical properties and aesthetics.

As a biomimetic filling material, EQUIA enhances remineralisation by allowing diseased dental tissues to heal through the release of fluoride. Owing to the unique secondary maturation effect attributed to saliva, it also provides increased strength for the glass ionomer over time. A single layer of nano-filled EQUIA Coat not only protects the restoration against moisture contamination and acid erosion but also exponentially increases the physical properties of the EQUIA filling, including wear resistance and fracture toughness. EQUIA is routinely used as part of treatment strategies for deeper lesions, caries stabilisation and general restorative care of higher caries risk patients, geriatric and paediatric patients. Over the last five years, the clinical performance of EQUIA has been highly appreciated by clinicians worldwide. Together with various ongoing clinical studies, EQUIA is proving itself as a long-lasting posterior restorative alternative for daily routine practice (in the given indications).

EQUIA enhances remineralisation with good physical properties and combines quick and easy handling with reliable precision, we plan to complement our existing portfolio of materials, they require a cleaning process of either dry or wet milling can be handled the simultaneous processing of different materials without the inconvenience and delay of cleaning. Each machine specialises in either wet milling such as the DWX-4W or dry milling such as the DWX-50 and the smaller DWX-4. Furthermore, having separate machines provides the opportunity to add an additional unit to meet production demands, with the ability to run four units off the one PC,” Adams said.

State-of-the-art dental milling technology on display in Bangkok

Roland DG developed the DWX-4W milling machine especially to meet the demands of this growing market. “By providing a device capable of wet milling a wide variety of materials with reliable precision, we plan to complement our existing portfolio of conventional dry milling machines that already receive great support from dental labs worldwide,” explained Shane Adams, Distribution Sales Manager at Roland DG.

According to Adams, Roland DG has identified a market need that it intends to fill. “In the current market we are familiar with products that combine the functionality of dry milling and wet milling into a single machine,” he continues, “While these machines can process a variety of dental CAD/CAM materials, they require a cleaning process when switching between wet and dry milling. This includes the disposal of milling residues, then cleaning the inside of the machine and drying out the processing area.”

Roland DG’s multiple device solution of either dry or wet milling can handle the simultaneous processing of different materials without the inconvenience and delay of cleaning. Visitors of the FDI Annual World Dental Congress are invited to visit Roland DG booth B29 to see the new DWX-4W and exciting new developments in Roland DG’s dental milling technology.

More information is also available online at www.easyshape.com.au.

ROLAND DG, AUSTRALIA
www.rolanddg.com
Booth B29

PeriO3 Oil contains natural triple formula for healthy gums

Ozone has become increasingly important in dentistry in recent years. It has been demonstrated to kill viruses, bacteria and fungi and to promote healing processes by activating the metabolism. The ozonised natural gum therapy effectively supports the treatment of acute and chronic inflammation of the gums and, in contrast to chlorhexidine, causes no discoloration. In addition to olive and castor oil, ozone is a main component of Hoffmann’s PeriO3 Oil. This highly effective combination excels through its excellent tolerability and is even recommended for the treatment of patients who are pregnant or breastfeeding.

Hormonal changes during pregnancy affect the oral vessels, which are then easier for bacteria to penetrate and lead to periodontal diseases faster. According to Hoffmann, PeriO3 Oil is the solution for pregnant and breastfeeding women, particularly owing to the oil not containing any alcohol.

The highly reactive oxygen atoms in Hoffmann’s PeriO3 Oil purposefully eliminate the pathogenic anaerobic bacteria and restore the healthy oral flora. The sensitive oral mucosa of patients who are pregnant or breastfeeding, or breastfeeding. PeriO3 Oil is the solution for pregnant women, patients who are pregnant or breastfeeding.

PeriO3 Oil is applied into the interdental spaces or gingival pockets using a blunt cannula. In order to enhance the effect, professional dental cleaning and calculus removal or curettage should be performed prior to treatment. Hoffman’s PeriO3 Oil is also suitable for the treatment of gingival injuries, grading traumas and wounds after tooth extraction. Additional mouthwashes are contraindicated during the application, the company said.

“I particularly use Hoffmann’s PeriO3 Oil for patients with an inclination to chronic gum inflammations, but also for those with simple gingivitis and for the treatment after periodontal treatment as a supportive measure,” explains dentist Dr André Kaczmarek. “I have successfully treated more than 5,000 cases with this preparation in my dental practice since 1998.”

Hoffmann’s PeriO3 oil is applied to the interdental spaces or the gingival pockets using a blunt cannula. In order to enhance the effect, professional dental cleaning and calculus removal or curettage should be performed prior to treatment. Hoffmann’s PeriO3 Oil is also suitable for the treatment of gingival injuries, grading traumas and wounds after tooth extraction. Additional mouthwashes are contraindicated during the application, the company said.

“I particularly use Hoffmann’s PeriO3 Oil for patients with an inclination to chronic gum inflammations, but also for those with simple gingivitis and for the treatment after periodontal treatment as a supportive measure,” explains dentist Dr André Kaczmarek. “I have successfully treated more than 5,000 cases with this preparation in my dental practice since 1998.”

Hoffmann’s PeriO3 Oil is applied into the interdental spaces or the gingival pockets using a blunt cannula. In order to enhance the effect, professional dental cleaning and calculus removal or curettage should be performed prior to treatment. Hoffmann’s PeriO3 Oil is also suitable for the treatment of gingival injuries, grading traumas and wounds after tooth extraction. Additional mouthwashes are contraindicated during the application, the company said.

“I particularly use Hoffmann’s PeriO3 Oil for patients with an inclination to chronic gum inflammations, but also for those with simple gingivitis and for the treatment after periodontal treatment as a supportive measure,” explains dentist Dr André Kaczmarek. “I have successfully treated more than 5,000 cases with this preparation in my dental practice since 1998.”

Hoffmann’s PeriO3 oil is applied into the interdental spaces or the gingival pockets using a blunt cannula. In order to enhance the effect, professional dental cleaning and calculus removal or curettage should be performed prior to treatment. Hoffmann’s PeriO3 Oil is also suitable for the treatment of gingival injuries, grading traumas and wounds after tooth extraction. Additional mouthwashes are contraindicated during the application, the company said.

“I particularly use Hoffmann’s PeriO3 Oil for patients with an inclination to chronic gum inflammations, but also for those with simple gingivitis and for the treatment after periodontal treatment as a supportive measure,” explains dentist Dr André Kaczmarek. “I have successfully treated more than 5,000 cases with this preparation in my dental practice since 1998.”

Hoffmann’s PeriO3 oil is applied into the interdental spaces or the gingival pockets using a blunt cannula. In order to enhance the effect, professional dental cleaning and calculus removal or curettage should be performed prior to treatment. Hoffmann’s PeriO3 Oil is also suitable for the treatment of gingival injuries, grading traumas and wounds after tooth extraction. Additional mouthwashes are contraindicated during the application, the company said.

“I particularly use Hoffmann’s PeriO3 Oil for patients with an inclination to chronic gum inflammations, but also for those with simple gingivitis and for the treatment after periodontal treatment as a supportive measure,” explains dentist Dr André Kaczmarek. “I have successfully treated more than 5,000 cases with this preparation in my dental practice since 1998.”

Hoffmann’s PeriO3 oil is applied into the interdental spaces or the gingival pockets using a blunt cannula. In order to enhance the effect, professional dental cleaning and calculus removal or curettage should be performed prior to treatment. Hoffmann’s PeriO3 Oil is also suitable for the treatment of gingival injuries, grading traumas and wounds after tooth extraction. Additional mouthwashes are contraindicated during the application, the company said.

“I particularly use Hoffmann’s PeriO3 Oil for patients with an inclination to chronic gum inflammations, but also for those with simple gingivitis and for the treatment after periodontal treatment as a supportive measure,” explains dentist Dr André Kaczmarek. “I have successfully treated more than 5,000 cases with this preparation in my dental practice since 1998.”