

Manufacturer news

camlog

CAMLOG/ALTATEC underscore their long-term commitment to the Wimsheim location

The above-average success of the CAMLOG® Implant System in recent years is also a constant challenge to its manufacturer, ALTATEC GmbH in Wimsheim, Germany. By 2007, the just 3-year-old building was no longer equal to the increasing demands, making it necessary to plan an extension. With the recently commissioned buildings in Wimsheim, production area has now doubled to 15,000 sqm, and the potential for further developments has been created. Not only does ALTATEC GmbH benefit from the increased production facilities, but for CAMLOG Vertriebs GmbH, also located in Wimsheim, the new extension additionally offers the opportunity for organizational improvements. This gave rise, for example, to a spacious CAMLOG auditorium for user training and a separate area for logistical support of external CAMLOG training and continuing education events several hundred of which are held annually in Germany alone. In Wimsheim, however, not only new functional buildings were the result, but rather an architectural translation of the known CAMLOG qualities. Transparency, for example, is one of those qualities to which CAMLOG/ALTATEC attaches great importance. This sense of clarity and perspective is clearly conveyed by the building's interior characterized by the numerous sight lines and outlooks in the spirit of Le Corbusier, who said, "The view needs to roam." All construction materials used are recyclable or can at least be disposed of in an environmentally friendly manner. The entire premises including the 216 new parking places for staff and the ex-



tensive green roof areas are drained by an elaborate retention basin system, and the water is returned to the ground in a natural way. CAMLOG/ALTATEC look forward to showing the more than 100 international visitor groups annually in Wimsheim both brand-new high-tech production as well as architectural esthetics 'made in Germany'.

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W&H

The new Elcomed— Powerful for surgery

Top quality and power — the new Elcomed SA-310 from W&H has some impressive features. With just one operating stage and a total of four buttons, the user is able to adjust all the important parameters. In addition to torque, motor speed and quantity of liquid, six different programs can also be accessed from the clearly laid out display. The user is thus able to individually save the most important recurring operational procedures. In addition, the attached instruments are also preset on the display in order to guarantee optimum power transmission. The Elcomed motor not only achieves speeds of 50,000 rpm but is also the lightest and shortest motor in its class. It can be used with all surgical instruments that have an ISO connection. Together with the surgical handpieces/contra-angles from W&H, it can achieve a torque of 80 Ncm on the rotary instru-

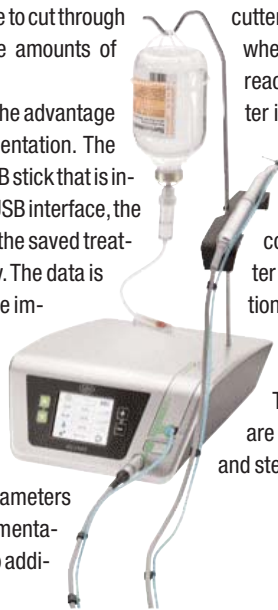
ment. This high torque guarantees an extremely high motor power. The user is able to cut through the bone without exerting large amounts of force.

The new Elcomed also features the advantage of simple and complete documentation. The data are stored directly on the USB stick that is included in the delivery. Using the USB interface, the user is therefore able to transfer the saved treatment stages to the PC very easily. The data is displayed as a csv file, ready to be imported into standard analysis programs, and as a bitmap file. The documented information contains the torque curve and the screenshot of the Elcomed display on which all the set parameters can be viewed. Complete documentation is therefore guaranteed at no additional cost.

To enable the implant to heal as quickly as possible and with the least possible stress, the

new Elcomed SA-310 has an automatic thread cutter function. The thread cuts into the bone when the foot control is activated. Upon reaching the pre-set torque, the thread cutter immediately switches to reverse operation, in order to remove any bone chips. This process can be stopped by releasing the foot control. If the foot control is activated again, the thread cutter function will restart in forward operation. In this way, compression on the bones is minimised and potential bone damage avoided.

The motor, cable and handpiece holder are naturally thermo washer disinfectable and sterilizable.



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SIRONA

New X-ray software facilitates a diagnosis-oriented mode of working

The new Sirona GALAXIS 1.7 software enables dentists to adopt a diagnosis-oriented approach when working with the GALILEOS 3D X-ray system. The user has the option of inserting "bookmarks" and descriptive texts directly into the X-ray images. Previously saved images can be retrieved with a single mouse click.

The starting point when analyzing a 3-D volume is the standard panoramic view. During the navigation



process the user is able to mark any conspicuous findings by setting a so-called diagnosis point, accompanied by personal notes. These notes can either be freely worded or else composed of predefined text blocks. The notes are saved automatically together with information about the view mode, position, zoom, brightness and contrast. The X-ray images and all the patient-related information can be retrieved with a single mouse click. If required, reports can be generated automatically using REPORTER 1.0, the optional documentation software for GALILEOS.

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Dr. Ihde Dental

KOS T—the implant for equipping the region of the maxillary tuberosity

In the region of the maxillary tuberosity the mucosa often is between 5 mm and 7 mm thick. This makes it difficult to work on correctly placed KOS® implants, whose neck-length is less than 3 mm. For this reason a new version of this system has been launched by Ihde Dental: KOS® T. The implant is available in the diameters 3.2 mm, 3.7 mm and 4.1 mm and in the lengths of 15 mm and 17 mm. The KOS® T implant is typically placed in a flapless procedure. Only in ex-



tremely narrow bone sites a flap is necessary. Like all KOS-implants also KOS® T provides an immediate 3-D corticalisation of the bone. Thereby an increase of minerals nearby the implant is found instantly and this allows immediate loading in most of the cases. Anchoring the implant in addition in the opposing cortical bone further increases the primary and final stability. KOS® T is supplied with a double-sandblasted, osmoactive® surface configuration. The osmoactive coating was developed by Swiss researchers and it acts like an anti-bacterial barrier: it selectively prevents bacterial growth and promotes the growth of bone building os-

teoblasts at the same time. This coating works on the osmotic principle and it is unique in the world and applied to all implants produced by Ihde Dental.

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BEGO Implant Systems

BEGO Semados® Mini-Implant

Modern, minimally-invasive dental implant technology has advanced in leaps and bounds. BEGO Implant Systems was the first dental implant manufacturer to develop high performance implants based on bionic principles and turn them into marketable items. This enables dynamic loads to be supported with implants of approx. 3 mm diameter and less which, otherwise, could only have been borne by standard implants with diameters exceeding 3.5 mm. BEGO Semados® Mini-Implants with diameters of 2.7 mm, 2.9 mm and 3.1 mm and lengths of 11.5 mm, 13 mm and 15 mm are the solution of choice for the multitudes of edentulous people in the world. In Germany alone, more than 3 million people are fully edentulous. By using BEGO Semados® Mini-Implants, BEGO clients throughout the world



can help provide many people with a "firm dentition". Multiple options are available for prosthetic restorations—a perfectly matched Wirobond® MI bar system, two different ball abutments in the height of 1.5 mm and 4 mm for different gingiva heights and tapering abutments for filling narrow anterior gaps leave nothing to be desired.

BEGO Semados® Mini-Implants are made of proven, pure grade 4 titanium and manufactured in Germany. The contoured design also makes use of the compressing thread used for BEGO Semados® RI implants. The proven TiPure^{plus} surface is highly pure and ultrahomogeneous. It possesses an above average capacity for binding proteins to ensure rapid osseointegration.

BEGO Implant Systems GmbH & Co. KG

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DS
DENTAL

Nobel Biocare

Nobel Biocare appoints new Head of Global Marketing & Products

Nobel Biocare today announced that Hans Geiselhöringer has been appointed Executive Vice President Global Marketing & Products and a member of the Executive Committee (EC) as of 10 February 2010. Hans Geiselhöringer (German, 1968) is a certified dental technician. He further holds a certification in anaplastology and epithetics and graduated in technical business administration from the IHK in Germany. During his career as a dental professional Hans Geiselhöringer specialized in dental laboratory management, implantology and ceramics.

In 1998, he founded his own dental laboratory specializing in implantology, anaplastology, functional and esthetic reconstruction, and imaging technologies. Since 2008 he has been heading the company's NobelProcera business and developed it into the most comprehensive CAD/CAM offer on the market today. Hans Geiselhöringer has

published a wide range of articles about CAD/CAM dentistry, digital dentistry, prosthetics restorations and prosthetic manufacturing processes. He is a member of various international dental associations and a member of several review boards at international dental publications.

"Hans Geiselhöringer has been instrumental in advancing our NobelProcera technology and broadening our product and material offer over the last two years. Robert Gottlander, who has successfully led the marketing function over the last five years, will concentrate on our increasing number of key accounts. Both appointments support our drive to increase customer focus and to be the partner of choice in dentistry."

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NSK

NSK launches new Surgical Micromotor System

'Surgic XT' series has received preferable reputation from global market as a reliable surgical micromotor system. As a successor model of its series, new Surgic XT Plus has been designed to realize the maximum safety during operation. Surgic XT Plus improves the efficiency of controlling torques delivering to the handpiece and automatically calibrates the implant micromotor and the handpiece to the rotational resistance of each individual handpiece prior to the operation (Advanced Handpiece Calibration—AHC). For taking into account of user friendliness, both optic and non-optic implant micromotors can easily be at-

tached to Surgic XT Plus just by changing the micromotor. NSK implant micromotors for Surgic XT Plus are dramatically durable and lightweight by embodying the advantages of titanium. Also, the large LCD panel clearly makes it easier for clinicians to see and check the displayed data. The display shows all parameters and status at the same time. Surgic XT Plus is the reliable surgical micromotor system from NSK offering you accurate and powerful torque with impressive power.

Key Features

- _ Wide speed range of 200 – 40,000 min⁻¹
- _ Powerful torque: 5–50 Ncm
- _ High Power: 210W
- _ Advanced Handpiece Calibration—AHC for safety during operation
- _ Large LCD panel with ease operation
- _ 8 programs can be set individually
- _ Selectable optic/non-optic brushless micromotor
- _ Excellent durable, lightweight micromotor body reduces hand fatigue and improves balance
- _ Low noise and low vibration with minimal heat generation



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المؤتمر الأردني الثاني والعشرون لطب الأسنان THE 22nd JORDANIAN DENTAL CONGRESS

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فندق الرويال - عمان الأردن

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الحديث في طب الاسنان السريري AN UPDATE IN CLINICAL DENTISTRY

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M.I.S.

Official opening of MIS's new headquarters in Israel

MIS's relocation to its newly constructed company premises, which cover a total area of over 30,000 m², including 10,000 m² of production area, marks a further chapter in the success story of the Israeli dental company. A group of around 30 visitors from Germany, who had travelled to Israel at the invitation of MIS Germany to see the new MIS headquarters, were able to see for themselves the growing success of the company embodied by this new building. In keeping with its corporate philosophy of 'Make it Simple', the company has from its inception pursued a coordinated and demand-oriented product policy and is now represented by its product innovations in over 60 countries throughout the world. Collaborative partnerships with scientific and research institutes form



an additional strategy that has been systematically pursued by the company up to the present day, leading, for example, to the development of the 'Trio Concept': three different implants with a matching prosthesis product range on internal and external hex connections. The company has since extended its collaborative partnerships throughout the whole world. The final breakthrough came in 2004 with MIS's presentation of the SEVEN implant, which firmly established the company as one of the leading international dental companies engaged in scientific

research and development. Further innovations followed, such as MISTRAL, the M-Guide planning kit or the UNO one piece implant. As the company became more successful, training formed an increasing part of its activities, as illustrated, for example, by the foundation of the DITC (the Dental Implant Training Center) in the USA in 2005. Particular emphasis has been placed in recent years on biomaterials. What initially began with 4BONE—an in-house product range for bone augmentation—has since been supplemented by further developments including 4BONE RCM, the natural and resorbable collagen membrane. Further developments in this field are expected in the next few years as the German visitors to Israel could clearly see for themselves.

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Straumann

Straumann launches digital solutions platform

Straumann is presenting an array of integrated computer-based technologies that have been designed to increase confidence, safety, precision and reliability in implant and restorative dentistry. Under the new umbrella brand of 'Straumann Digital Solutions', the company now offers state-of-the-art computer-guided surgery, intra-oral scanning, and CAD/CAM prosthetics to specialists, general dentists and dental laboratories in various markets around the world. With these new innovations, a complete Straumann tooth—from implant to final crown—is now available from a single provider. Straumann is the only lead-

ing manufacturer in implant, restorative and regenerative dentistry to offer all these services. The company will also present a number of new products and features that will be launched over the course of the year.

Straumann Digital Solutions offer the flexibility of open, state-of-the-art systems together with seamless connectivity to one of the world's leading implant, restoration and regenerative systems, in addition to guaranteed Straumann quality, service and network support.

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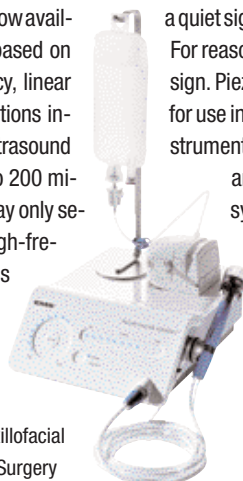
Web: www.straumann.com

EMS

Precise and gentle: Bone sections using ultrasound

Piezon Master Surgery by EMS means that the Piezon method is now available in dental, oral and maxillofacial surgery. The method is based on piezoceramic ultrasound waves which produce high-frequency, linear oscillations forwards and back. According to EMS, these vibrations increase the precision and security of surgical applications. The ultrasound operation enables a micrometric section cut in an area of 60 to 200 micrometers with only a slight loss in bone mass. The ultrasound ray only selectively cuts hard tissue; soft tissue remains untouched. The high-frequency vibrations with permanent cooling also mean that there is little blood in the operating area and thermal alterations are avoided. Piezon Master Surgery can be used in parodontal, oral and maxillary surgery as well as in implantology. Specific indications are osteotomy and osteoplastics, extraction, apical root resection, cystectomy,

For dental, oral and maxillofacial surgery: Piezon Master Surgery



extraction of bone blocks, sinus lift, nerve transposition, jaw ridge division and extraction of autologous bones. According to the manufacturer's details operation using the touch board is easy and hygienic. By moving your fingers over the notches of the operating elements, the power as well as the flow rate of the isotonic solution can be regulated. The LED reacts to the moving fingers by emitting a quiet signal, even if a hand is in a glove or if an additional protective film is used. For reasons of hygiene, corners, joints and chinks have been avoided in the design. Piezon Master Surgery is offered as a basic system with five instruments for use in implantation preparation. The development of the exclusive Swiss Instruments Surgery is based on the experience of 25 years' continual research and covers various applications, according to EMS. The user has optional systems for tooth extraction, retrograde root channel preparation and procedures on bones at his disposal. All systems contain autoclavable Combitorques and a Steribox.

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