

SWISS DENTAL DIAMONDS BY VANETTI SA



In recent year, the Swiss dental manufacturer Vanetti has increasingly expanded its reach into international dental markets. Originally sold primarily in Switzerland and Italy, its Dia Tessin branded surgical instruments are now available to dentists and dental surgeons in almost 50 markets in Europe, North and South America, the Middle East and Asia.

Vanetti promotes its products actively through its participation at international trade fairs, such as the upcoming International Dental Show in Cologne, as well as through other marketing efforts. Based in Gordevio in the heart of the Maggia Valley, the company has been run by members of the Vanetti family since the late 1960s. In the mid 1990s, the company was transformed into a limited company by the current CEO and son of the company founder Pablo Vanetti.

According to the company, its success is based not only on the production and distribution of high-quality products but also on short delivery times and excellent customer services.

In order to achieve this, the company said to have pushed automation and rationalisation of its manufacturing processes to a maximum despite its small staff of eight in the company's headquarter, who make sure that products do not only have the quality that customers demand but also offer competitive prices.

More information about the company and its products are available on its website as well as its booth in hall 3.2 at IDS.

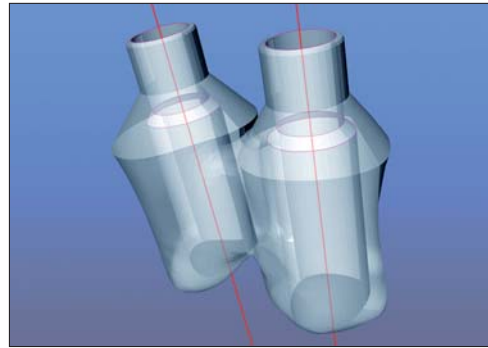
VANETTI SA, ITALY
www.vanetti.ch
Hall 3.2 Booth D081

DENTAL CAM SOFTWARE ON DISPLAY BY CIMSYSTEM

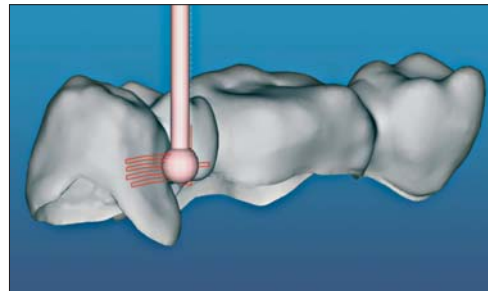
Ease of use and specific functions are the ingredients that make CIMsystem's SUM3D Dental a high productivity CAM application for the dental field. Dental labs, who are looking for the best technological solutions to improve efficiency and quality of production process, can take advantage of the huge CAM experience of CIMsystem to guarantee the production of precise items, in line with the end user's dentists' best expectations.

The first step of the process involves the acquisition of the geometries: whether it is a dental, intraoral or implant impression, the file is imported into SUM3D Dental which can acquire the geometry defined by .stl standard, as well as those coming from other formats, obtained from 3-D scanning or processed by a dental CAD. This flexibility allows to work with various clients without being tied to specific format standards. The definition of the best CAM work cycle is fully guided by SUM3D Dental, which recognizes automatically the item and, depending on the type and shape of the component to be implemented, predisposes the machining, by nesting the pieces on the blank to work accordingly to the path specifications and parameters chosen by the operator.

The accuracy of the machining is entrusted to the potential of the milling centre and to the support of software functions that, according to the type of material and the required characteristics of finish, make it possible to automatically identify the machining type



Automatic detection of holes and their angles.



Milling of undercuts with a lollipop tool on 3 and 4 axis machines.

and parameters. Thanks to the functionality of SUM3D Dental, it is possible to automate and simplify the operations even when working with high resistance materials. Whether it is titanium, cobalt-chrome, zirconia or lithium disilicate, it is possible to easily define the most suitable parameters for each CAM machining, taking into account the physical behaviour and withdrawal due to the material, thus ensuring a high degree of precision and surface quality finish of the final product.

The automations offered by the system facilitate the setting up of machining without the need of specific operator's experience, even if the flexibility of the software allows a skilled user to implement personalized choices based

on the criteria established by experience or by particular circumstances.

The operational simplicity meets the needs of an industry which is unused to a complex computer technology: with SUM3D Dental the operator can split the work and benefit from the strategies suggested from time to time by the software. It is also possible to store, in special libraries, custom procedures together with machine tools and machining parameters' customizations.

The dental world is characterized by procedures that are treated subjectively and the automation of SUM3D Dental meets the need to standardize these procedures with respect to the specificities of manufacturing, with the possibility for the operators to use their experience to intervene in a personalized way and with maximum flexibility when needed. The immediacy of the software and its ease of use allow the operator to reduce the learning curve and quickly achieve the highest levels of productivity.

CIMsystem's technical assistance provides a working relationship that not only solves current issues but also nourishes, through requests and suggestions, the continuous innovation that makes SUM3D Dental constantly updated with respect to the machines' technological evolution and the market needs.

CIMSYSTEM, ITALY
www.cimsystem.com
Hall 3.2 Booth G069

ENLIGHTEN TO (R)EVOLUTIONISE TEETH WHITENING



Recently conducted surveys in the US and the UK suggest that an increasing number of people are considering to have their teeth whitened by a dentist. With its evolution 3 system, the UK company Enlighten claims to offer the only teeth whitening system to guarantee VITA shade B1 irrespective of the starting shade.

Available both as Home and Office kit, the gel has the lowest concentration on the market and fully complies with the new EU legislation (6% Hydrogen Peroxide), according to the company. Enlighten also says that with its system, no lights, gingival protection or dehydration whitening is required.

The system comprises impression materials, as well as home and office whitening gels, desensitisers, tooth serum whitening toothpaste and locked seal lab for three patients.

Every kit also comes with a free tooth serum paste. For the purpose of practice branding, a number of materials for evolution marketing are available upon request.

Among other publications, the system has been featured by the Daily Mail, OK, Glamour and Heat magazine. The company, which is based in London, is now also looking for prospects to distribute the system internationally. Applicants are invited to visit their booth in hall 11.3 during IDS, Enlighten said.

Besides its line of whitening solutions, the London company also manufactures advanced oral care products including toothpaste and desensitisers.

ENLIGHTEN SMILES, UK
www.enlightensmiles.com
Hall 11.3 Booth B080



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SULZER MIXPAC TO ATTEND AT IDS FOR THE FIRST TIME

An event as large as the IDS gives exhibitors the opportunity to present their latest innovations. It also brings a large number of manufacturers and users together for a few days which makes it an ideal forum not only for exchanging useful tips with others but also discussing burning issues such as counterfeiting in dental manufacturing.



One of the topics Sulzer Mixpac will be addressing at its booth in hall 3.2 is the hazards copies of original products can pose to unknowing users. On top of the financial damage that copying and product piracy can cause, it can also be potentially dangerous to both purchasers of forged dental products and patients, the Swiss manufacturer of multi-component systems for mixing, metering and dispensing said. Sulzer added that in the same way that banknotes need to be clearly marked, it is

vital to have a clear indication which products are originals.

Sulzer's Mixpac mixing tips are two-component static mixing solutions for dental applications having characteristic shapes and colours which are brands of Sulzer. They are exclusively produced in the company's automated factory in Haag, Switzerland, and can be identified by the Mixpac label stamped at the top bevelled edge of the tip. According to the company, the mixing tips are still

copied in such a convincing way that makes it impossible to clearly identify originals solely on the basis of the shape or the colour of the mixing tips. Therefore, it is important to know how to distinguish the originals from the copies, it stated.

Just recently, Sulzer filed a lawsuit in the US District Court for the Southern District of New York against dental materials manufacturer Spident USA and its Korean supplier, as well as International Safety Products DBA iDental in the US for having violated its trademark and patent rights at the 2012 Greater New York Dental Meeting.

Sulzer Mixpac is attending the International Dental Show for the first time this year. Visitors are invited to visit its booth in hall 3.2 and pick up a free Sulzer Mixpac stress ball.

SULZER MIXPAC, SWITZERLAND
www.sulzer.com
Hall 3.2, Booth G068

INTRA-ORAL WELDING TO IMPROVE IMPLANT SURGERY OUTCOMES

Recent studies have demonstrated that it is possible to successfully rehabilitate the edentulous atrophic maxilla with a fixed, definitive restoration supported by an intra-orally welded titanium framework that is attached to axial and tilted implants on the same of implant surgery. The relatively new concept is based on fusion, also called "Syn-crystallization", a process characterised by the union of two metallic surfaces through the sharing of atoms forming a crystal lattice in the welding spot.



According to International Implant Company, the Verona company behind the concept, this rigid fixation reduces the mechanical stress exerted on each implant and prevents the risk of micromovements in relation to surrounding bone which has a significant impact on the peri-implant tissue response during immediate implant loading.

Owing to this immobility of the implant, treatment time for immediate temporisation at stage one surgery and costs can be reduced while resistance and durability of the prosthetic frame work can be improved, the company said.

The fusion is achieved through the use of the I.O.W. device which

applies mechanical pressure and an electrical current simultaneous up to the core fusion. Visual and acoustic signals are indicating when the welding process is performed and concluded.

The device offers a user-friendly LCD-TFT touchscreen display and customisable settings for the welding power. The fusion clamp is autoclavable.

INTERNATIONAL IMPLANT COMPANY, ITALY

A.B. DENTAL DEVICES LTD.
www.intraoralwelding.com
Hall 4.1 Booth C090

AD

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- Angular timing between faces

Shape and rotation measurements:

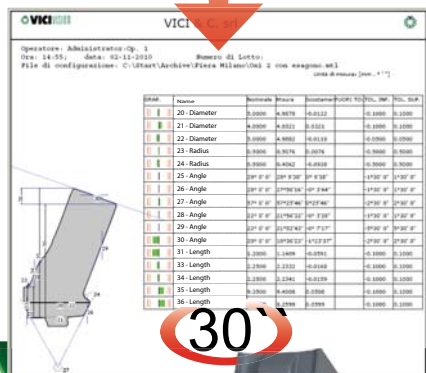
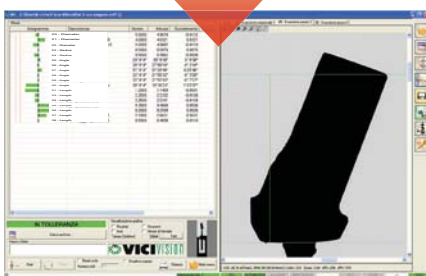
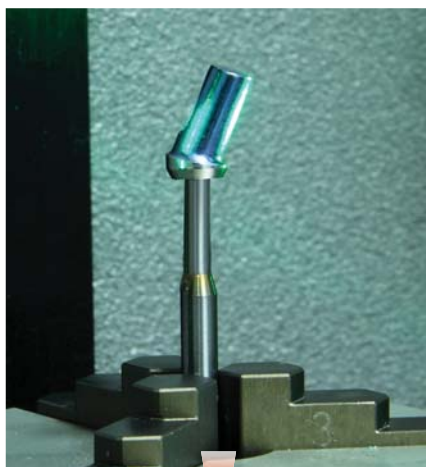
- Rotation diameters
- Angular timing between cams, holes and keys
- Circularity
- Coaxiality
- Run-out
- Cylindricity

Static measurements:

- Diameters
- Lengths
- Angles
- Radius
- Distances and angles between points and straight lines
- Average sphere diameter

Thread measurements:

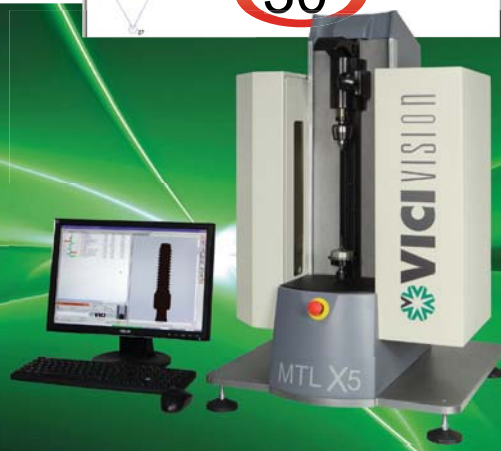
- Diameter: nominal, minor, pitch
- Crest angles
- Pitch
- Roller quota
- Thread length



IDS
2013

Hall 02.2
Booth C011

www.vici.it



US COMPANY BEUTLICH PITCHES AT IDS



Since HurriCaine was introduced into the medical and dental markets over 40 years ago, dentists and medical professionals around the world have built better practices by easing their patients' pain, according to the manufacturer Beutlich Pharmaceuticals. The company also states that its topical anaesthetic containing 20% Benzocaine was the first of its kind, and remains the highest quality choice in the dental and medical marketplaces.

Beutlich's latest addition to its top product line is HurriCaine ONE, a non-aerosol unit dose topical anaesthetic spray that is said to virtually eliminate adverse events resulting from preventable medication errors.

The company now offers additional premium products that are

supposed to address challenges in oral and medical health care, such as the HurriSeal dentin desensitizer, HurriView and HurriView II plaque disclosing Snap-n-Go Swabs, Beutlich pH paper, HurriPAK periodontal anaesthetic starter kit, as well as CEO-TWO laxative suppositories and Peridin-C vitamin supplements.

Beutlich Pharmaceuticals has launched a high number of effective dental and medical products for pain management and preventative care since 1954. The products of the family-owned business are distributed in North American markets and around the globe. They will be also on display at this year's International Dental Show in Cologne.

BEUTLICH, USA
www.beutlich.com
Hall 4.2 Booth L076



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IDS Hall 11.2
2013 Stand R58



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Session 2

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