# Manufacturer News

A.R.C. Laser

## A.R.C. Laser convinces with EmunDo®

An increasing number of users speak on their enthusiasm concerning the positive impact of the entirely new Photodynamic Therapy. They are reporting of the simple and gentle laser-method to treat periodontitis.

For the first time in dental history, PDT is considered to achieve consistently effective and predictable outcomes in combination with a normal FOX diode laser.



The colorant EmunDo®—stimulated through the laser—generates aggressive singulett oxygen. As a consequence EmunDo® kills effectively all gram-positive and all gram-negative bacteria particularly in the periodontal therapy. Patients which have had problems with antibiotics and its side effects in the past, can be relieved now. EmunDo® is not only any kind of PDT agent—it is a acknowledged therapy concept based on wide-range studies and the direct cooperation with AALZ Aachen, Germany.

Unique selling point for your office:
– 100 % anti-bacterial impact
– even germs in tissue are accessible
– Reliable therapy concept

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Fotona

## LightWalker AT— Award-winning Dental Laser

Fotona's new laser system, LightWalker AT, has been recognized in the dental community by key opinion leaders. It has recently received the Pride Institute's Best of Class Technology Award for 2011 and was selected as one of Dentistry Today's TOP 100 Products of 2011.

A panel of dental technology experts, organized by the Pride Institute, a dental practice management consulting firm based in Novato, California, selected this year's winning products through a rigorous assessment selection process. The aim of the award is



to provide an unbiased, non-profit assessment of available technologies in the dental space. LightWalker AT was an honoree in the Therapeutic category.

What is more, Dentistry Today, America's leading clinical news magazine for dentists, featured the LightWalker as one of the TOP 100 dental products of the year. According to the magazine, LightWalker was selected on the basis of reader response and represents what is new and innovative in the profession today. LightWalker is the latest dental laser to be introduced by Fotona. The system is designed for high-speed cavity preparations, virtually all soft-tissue surgical procedures, as well as minimally invasive TwinLight (Er:YAG and Nd:YAG) endodontic and periodontal treatments. It is the only dental laser system on the market that includes built-in scanner-ready technology.

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Hager & Werken

## LaserHF—Radio frequency and laser combined for the first time

LaserHF® from Hager & Werken is a combined unit which for the first time offers two technologies in one device: laser and radio frequency. While tissue can be perfectly cut, resected and coagulated with radio frequency, the laser offers additional, fascinating applications in endodontics, periodontics as well as in implant surgery. On top of that, new approaches, such as the tissue treatment in therapeutic terms (Low Level Laser Therapy) and antimicrobial photodynamic therapy (aPDT) can be carried out. LaserHF includes two types of laser: A




diode laser with 975nm/6W and a diode soft laser with 650nm/100mW for LLLT and aPDT.

An easy to use touch-screen offers 15 pre-set programs in the laser unit (10x diode laser, 5x diode soft laser). The radio frequency-unit offers various pre-set programs. Additionally the user can save individual programs. Further information is available at:

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KaVo Dental

## 5-star light for your dental practice

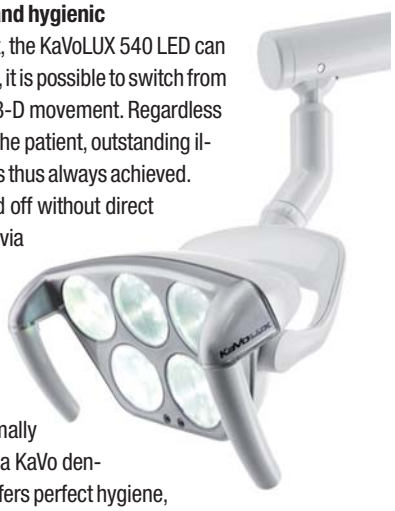
Ideal working conditions in the dental practice, begin with the best possible view of the treatment site. The KaVoLUX 540 LED light, with its unique optical system and four different coloured LEDs, supplies natural white light of the highest quality, at up to 40,000 LUX at every point in the illuminated field. Thus the user always has the best view, ensuring optimum treatment results. With outstanding color rendering index values and the natural daylight-like, full spectrum of light, it is possible to accurately compare tooth and composite colors, directly at the dental chair.

The innovative COMPOsave mode, filters out all blue components of the light and thus slows down undesirable polymerization of composites. It is thus possible to adapt light-cured materials at a relaxed pace, without having to dim the light.

**Even, illuminated field**

The KaVoLUX 540 LED light delivers the ideal light-field, for a perfectly illuminated treatment area: homogenous, precisely delineated and with reduced shadow formation. The colour-temperature can be individually adjusted in five steps, e.g. for higher contrast on soft tissue. Even the most inaccessible parts of the mouth are clearly illuminated, thanks to the impressive, light penetration properties. The detailed structures thus can be seen in sharper focus and can be optimally identified, without eye-strain.

**Ergonomic, practical, flexible and hygienic**



With its unique, lockable 3D-joint, the KaVoLUX 540 LED can be variably positioned: if required, it is possible to switch from the fixed 2-D mode, to a flexible 3-D movement. Regardless of the position of the dentist and the patient, outstanding illumination of the treatment site, is thus always achieved. The light can be switched on and off without direct contact, or be intuitively operated via the treatment centre's dentist element controls. Removable handles and smooth surfaces, enable rapid and thorough disinfection, thus supporting simple and fast hygiene regimes.Optimally coordinated in combination with a KaVo dental chair, the KavoLUX 540 LED offers perfect hygiene, high illumination quality, long service-life and maximum operating comfort.

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Syneron Dental Lasers

## Syneron Dental Lasers

Partnerships will bring the LiteTouch™ and Laser-in-Handpiece™ technologies to Poland, the Netherlands, the Czech Republic and Serbia Dental Markets.

Syneron Dental Lasers, the inventor of the LiteTouch™ and Laser-in-Handpiece™ technology announced the signing of four distribution agreements in Europe.

The company has solidified partnerships with Shar-Pol in Poland, International Equipment Center (IEC) in the Netherlands, and B.P.C. Ltd. in the Czech Republic and Serbia. The new distributor agreements follow Syneron Dental's existing strong partnerships with other European distributors such as Dentacon, its Balkan region distributor, and Swiss distributor Orcos Medical, among other international distributors.

Under these agreements, the distributors will sell Syneron Dental's LiteTouch™ and D-Touch™ as well as promote, educate and train the customers. Syneron Dental Lasers plans to expand into additional countries within Europe and Asia during the second half of 2011.



"We are very excited about the opportunities these partnerships present to Syneron Dental Lasers," said Ira Prigat, Syneron Dental's President.

"Our business operations are rapidly expanding while our close-knit synergy with the existing distributors is further empowering the Syneron Dental family worldwide, thus contributing to the company's ongoing success. As an emerging, fast-growing market leader, Syneron Dental Lasers is strategically aspired to continue establishing its global footprint and alongside with its steadily increasing market share, is already changing the shape of the laser dentistry market.

Syneron Dental Lasers is committed to promoting technology innovations, cross-continent clinical research collaborations, laser dentistry education and long-term support and services to LiteTouch™ customers worldwide."

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