Manufacturer News

Henry Schein

New Biolase distribution partner

Henry Schein and Biolase, manufacturer of the worldwide best-selling dental laser system, *Waterlase*, have expanded their successful distribution partnership to include the German market among other European countries. Henry Schein Dental Depot GmbH, the leading distributor of dental laser systems in Germany, can now offer a complete range of relevant dental laser systems to its customers. Over the past years, Henry Schein has continuously expanded its competency in dental laser products, today offering leading dental laser systems as well as a comprehensive laser education and training program. At the regional Henry Schein dental depots highly qualified and experienced laser specialists are ready to assist customers "with words and deeds." Whether newcomer or advanced laser user, Henry Schein provides comprehensive consulting, training and guidance to all laser users. Dental professionals interested in laser dentistry have the possibility to examine and test different laser systems in Henry Schein's depot showrooms and in clinical seminars offered by the company, and choose between the various systems to select the one best suited for their dental offices. The laser education and training program offered by Henry Schein comprises everything from basic courses to seminars on laser safety and individual wavelengths, quickly providing laser users with the knowledge and confidence necessary for the practical use of laser systems. Biolase developed its laser systems in over two decades and has been working with the Waterlase technology since 1996.

"By including the Biolase laser system products in our assortment, we are complementing our range of laser system lines and expanding our competence in the field of high-tech dental products. As our customers' needs and requirements grow and expand, so, of course, does our product and service offering," Heiko Wichmann, General Manager for Sales & Distribution of Henry Schein Dental Depot GmbH, comments the new German partnership with the world's leading dental laser company.

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Sirona

SIROLaser Advance sets new standards of user-friendliness and flexibility

Sirona's SIROLaser Advance combines state-of-the-art laser technology with outstanding user-friendliness. The color touchscreen, clearly structured menus and self-explanatory symbols provide the ideal basis for easy operation.

The SIROLaser Advance caters for a broad spectrum of applications. The pre-set programs ensure quick and effective therapy in the area of periodontics, endodontics, surgery and pain relief. If required the dentist can view additional information about each individual preset in a help menu.

The dentist is free to adapt the SIROLaser Advance to his or her individual mode of working. Up to 24 different applications can be programmed. In his role as system administrator the dentist can also configure profiles for five additional users. In addition, the SIROLaser Advance anonymously stores the parameter data of each treatment session. For patient documentation purposes this data can be easily transferred to a PC with the aid of a USB flash drive.

The SIROLaser Advance offers preset therapy programs for the most important laser applications in the field of periodontics, endodontics, surgery and pain relief.

The SIROLaser Advance is operated via the light-touch finger switch or via the optional foot control. In combination with the high-power rechargeable battery pack the SIROLaser Advance can be deployed flexibly in the dental practice.

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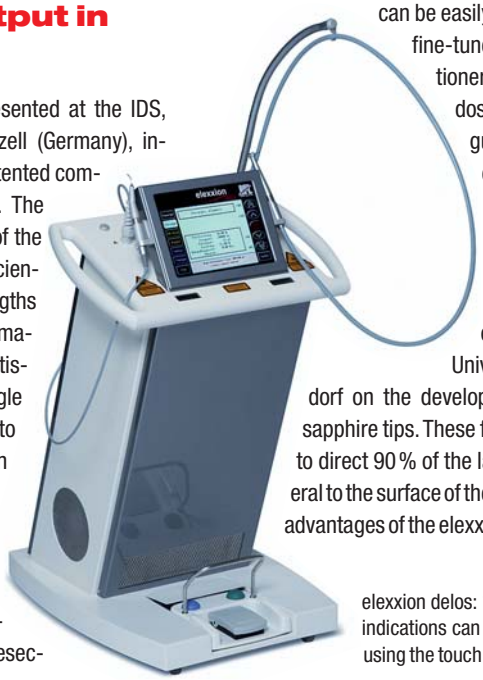
elexxion

Two wavelengths and 50 W pulse output in one machine

Among the products they presented at the IDS, elexxion AG, based in Radolfzell (Germany), included their internationally-patented combination laser elexxion delos. The elexxion delos combines two of the most frequently studied and scientifically recognised wavelengths (810 nm and 2,940 nm) in one machine so that both hard and soft tissue can be treated with one single machine. At present, according to elexxion, most applications can be reasonably treated with this combination system. For example, the elexxion delos can be used for the removal of concrements, decontamination, cavity preparation, root resection and bone ablation. Over 100 digitally stored indications can be accessed on a large touch screen and activated at a "touch". Output modifications can be easily and individually fine-tuned. The practitioner saves time, the dosage accuracy is guaranteed. Especially for peri-implantitis therapy and the treatment of biofilm, elexxion has cooperated with the University of Dusseldorf on the development of special sapphire tips. These feature the ability to direct 90 % of the laser's power lateral to the surface of the implant. Further advantages of the elexxion delos for soft-tissue applications are: Together with the ultrashort pulse durations of as little as 9 µs, the modern diode technology with its 50 W pulse output enables a gentle, efficient soft-tissue surgery at a speed which, according to elexxion, was previously unattainable. A flexible fibre guide is an additional relief for the dentist during treatment. At the same time, the newly developed fibre increases the output density thanks to an optimized beam profile. This means higher removal speed, for example in the tooth enamel. The machine can be connected comfortably to the internal compressed-air supply or to an external compressed-air supply. The external connection permits the water spray to be precisely adjusted and, thus, improves the removal performance. The elexxion delos combination laser can be purchased in Germany from the specialized distributor Pluradent.



elexxion delos: 100 digitally stored indications can be easily activated using the touch screen

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KaVo

The reliable and comfortable detector of calculus in periodontal pockets

The KaVo DIAGNOdent pen is well-known and established, as a unique instrument for the detection of caries that can quickly and reliably identify healthy and unhealthy tooth substance by means of varying fluorescence. In addition to caries detection, the DIAGNOdent system can be used with a special Perio probe for reliable and comfortable detection of periodontitis. The Perio probe detects concrements in the deepest pockets reliably and without pain despite the presence of saliva or blood and is therefore an ideal control instrument after root cleaning. A gentler, more thorough cleaning of pockets is thereby enabled with substantially enhanced healing.

The DIAGNOdent pen's readings are communicated as a digital and acoustic signal. This confirms to the patient the need for treatment and increases compliance.

Clinical studies confirm that the use of the DIAGNOdent Perio probe for calculus detection and control of treatment improves the postoperative bleeding index and noticeably reduces pocket depth in comparison to the use of a conventional probe.

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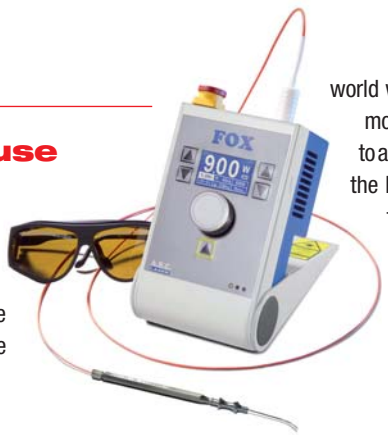
A.R.C.

The easy to use Diode laser

Different wavelengths in combination with high output power have a name FOX. The first laser in the world which can work in cw or pulsed mode with no need to be connected to a wall outlet. Strong batteries allow the Dentist to perform laser surgery for more than 8 hours without recharging. 810 nm or 940 nm or even 1,064 nm is available when specified at the time of order. Output power up to 10 Watts at distal fiber end makes the Fox the first choice in Diode lasers. More than 2,000 lasers installed world wide are the result of performance reliability and confidence in our products.



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