The EMS promise: painless ultrasonic therapy

Switzerland’s Electro Medical Systems (EMS) wants to demonstrate how treatment with an ultrasonic scaler can be enhanced even more with the brand new Piezon Master 700. EMS points to the special refinements of integrated i.Piezon technology. It is designed to assure smooth interaction between the original Piezon handpieces and the EMS Swiss instruments made of biocompatible surgical steel to ensure the best in patient comfort.

The company says that the i.Piezon module assures that instrument movements are perfectly aligned with the tooth surface, and vibrates 32,000 times per second to make it extremely effective.

The intelligent feedback control minimizes damage to the tooth surface. The result is a uniquely smooth tooth surface and maximum soft-tissue protection. As EMS explains, this is the formula for incomparable precision and therapy that is practically painless thanks to optimum instrument movements.

The balanced Piezon handpieces show how substantially improved illumination of the oral cavity can be achieved with the six LEDs arranged around the tip of the handpiece.

In the words of the manufacturer, which describes itself as the leading maker of dental hygiene systems, this advance enables dentists to handle ultrasonic instruments with even greater precision. This means even greater precision for periodontal and root canal treatments, calculus removal, cavity preparation and other conservative treatments.

The seamless housing of the Piezon Master 700 has an esthetic, ergonomic and hygienic design, which promises a high degree of operator comfort.

The touch panel can be rapidly and precisely operated by simply touching the self-explanatory operating elements or tapping on the desired action. This enables the system to meet all the requirements in respect to ease of use, and especially hygiene.

The two replacement bottles with a capacity of 350 ml or 500 ml for holding various antiseptic solutions are resistant to UV radiation and can be replaced easily and quickly thanks to their snap-shut caps.

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Fig. 1: The Piezon Master 700: a new ultrasonic scaler with integrated i.Piezon technology.

Fig. 2: The balanced Piezon handpieces show how substantially improved illumination of the oral cavity can be achieved with the six LEDs arranged around the tip of the handpiece.
New universal self-etch bonding agent does not need a separate activator

Oxford Scientific Dental Products introduces Oxford Bond SE, a simple-to-use, self-etching bonding agent. Oxford Bond SE is designed for use in both direct and indirect techniques. The agent provides strong, reliable bonding of composites, compomers and resin-reinforced glass ionomer materials to dentin and enamel. Unlike most self-etching bonding systems, Oxford Bond SE can be used for indirect procedures without adding a separate adhesive or dual-cure activator. This simplifies the procedure and makes it more reliable by eliminating any variability in mixing by various staff members, ensuring a tenacious bond with every procedure.

Proven to be superior
Oxford Bond SE provides all the benefits of a cutting-edge self-etch adhesive: less patient sensitivity, ease of use and fewer application steps. It exhibits superior bond strengths to both dentin and enamel. In a laboratory study (data available upon request), Oxford Bond SE showed bond strengths superior to six of the leading self-etch adhesives on the market. Oxford Bond SE received a ++++ rating from The Dental Advisor. More than 50 percent of the evaluators stated they would switch from their current self-etch bonding agent to Oxford Bond SE.

Oxford Bond SE is very simple to use. Application requires only three steps with a total time of 45 to 50 seconds. Light curing is achieved in 20 seconds and self-curing is achieved in 5 minutes.

Oxford Bond is supplied in 5 ml bottles or in 0.15 ml single doses. The single-dose delivery system is highly reliable. Gravity feeds the fluid in the upper chamber into the lower chamber, insuring a complete and homogenous mixing of the components. Each single-dose container has enough to bond to at least three units. This single-dose system provides enough material for a standard procedure without wasting and inordinate amount of bonding agent in the mixing well. It also promotes good infection control.

Oxford Bond SE is competitively priced and represents a very good value for your supply dollar. To order Oxford Bond SE or to obtain additional information, call Finnegan Enterprises at (888) 868-1950 or go to www.oxfordscientificdental.com.

About Oxford Scientific Dental Products
Although the Oxford Scientific brand name may be new to North American dental professionals, the company has been manufacturing dental consumables for a number of U.S. companies for nearly 20 years. Oxford Scientific Dental Products are manufactured to the highest standards. The facility is FDA registered and the products are CE certified.

The company’s mission is to provide the dental consumer with the finest quality materials based upon state-of-the-art manufacturing and the pride of a dedicated workforce. The company’s portfolio currently contains: a core build up material, Oxford Zircore Nano, a dual-cure, nano zirconia filler reinforced resin core build-up material that was rated “Excellent-Good” by an “independent, non-profit dental education and product testing institute” in its January 2011 newsletter; a complete line of temporary crown and bridge materials, such as Oxford Temp, a temporary C&B material, Oxford Temp Cem, a temporary cement and Oxford Correct, a flowable composite repair material for the temporary C&B material, Oxford Correct was selected by the “independent, non-profit dental education and product testing institute” for its 2010 Buying Guide, published in its December 2010 newsletter.

The Oxford Scientific Dental Product portfolio will constantly expand to fulfill the needs of every practice for high quality restorative
GC America announces RESTORE Japan promotion

GC America announced a promotion that will help the victims of the recent earthquake and tsunami in Japan. The RESTORE Japan promotion will feature many of GC America’s popular products, including the new G-aenial™ Universal Flo composite and GC Fuji IX™ glass ionomer.

Depending on the promotional offer utilized, a percentage of the sales will go directly to help the devastated areas through coordination by the Japan Dental Association (www.jda.or.jp/en/index.html). Each participant will also receive a GC America RESTORE Japan gift in appreciation for their donation.

“We are very concerned for the welfare of all the people of Japan, including our GC associates and their families who have been affected by this terrible tragedy. We recognize the continuing need for support and we want to provide a simple way for the dental industry to contribute. We want them to feel confident that their donations are reaching people in need,” says John O’Neill, vice president of sales and marketing at GC America.

In the philosophy of Semui, GC Corp, and GC America have total commitment to its customers. Semui is a Japanese ideology that essentially means, “always do the right thing for your customers without any regard to oneself.” The promotion begins June 1 and will continue through the summer. Contact your authorized GC America dealer for more information.

GC Corp is celebrating its 90th anniversary as a leader in the science and technology of dental materials. In 1921, three young Japanese chemists in Tokyo laid the foundation of what today can be considered one of the world’s largest suppliers of dental products with around 2,400 employees and four production sites in Japan, the United States, China and Europe.

Please visit www.geamerica.com for more information.

GC America announces RESTORE Japan promotion

(Photos/Provided by Oxford Scientific)