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 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.

The EMS promise: painless ultrasonic therapy

**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.

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