Introducing Tap-On Technology, only from Cavitron Systems

More and more dental professionals are using ultrasonic instrumentation as their primary means of instrumentation. To meet the evolving needs of the clinician, DENTSPLY Professional, the company that pioneered ultrasonic scaling technology, introduces the new Cavitron® Plus and Cavitron JET Plus units with Tap-On™ Technology, redesigned with ergonomics and performance in mind.

From a clinician’s perspective, the innovative Tap-On Technology is designed to reduce leg and ankle discomfort associated with continued foot pedal usage.1 With just one quick tap on the foot pedal, the unit activates and remains active until the foot pedal is tapped a second time. As a result, the clinician’s foot remains in a neutral, relaxed position during the scaling procedure. No longer does the clinician need to keep a foot on the foot pedal when scaling.

The new Prophy Mode Auto Cycles on the Cavitron JET Plus system automatically cycle between air polishing and rinse, eliminating the need to constantly touch the pedal to change from water spray to the air/water/powder slurry. Clinicians can easily select the prophy cycles time they prefer: none, short, medium or long. This feature allows the clinician to individualize each patient’s treatment based on the level of deposit to be removed.

Many clinicians prefer air polishing because it is less abrasive to enamel than traditional prophy paste.1 The new Tap-On Technology and Prophy Mode Auto Cycles are designed to improve efficiency and reduce hygienist leg strain.1 The clinician no longer needs to keep a foot on the foot pedal when air polishing.

Improvements also have been made to the water control features on the unit. The new, finer, water control allows for more precise adjustment of the water flow. This aids the clinician in establishing optimum water flow and water spray patterns for each individual patient, contributing the unique ultrasonic benefits of cavitation and acoustic microstreaming.

The convenient location of the water control on the base of the handpiece allows the clinician to easily adjust the water without turning away from the patient. Using the numbers on the handpiece, the clinician can easily adjust the water control to his or her preferred setting.

An additional “Turbo” power option offers 25 percent more clinical power than normal power mode.1 To activate this mode, the clinician simply presses a button on the control panel. Additionally, hands-free activation of the boost mode is available.
Pacific Dental Conference

March 7–9, 2013  Vancouver, BC Canada

Inspiring speakers
Fantastic networking
Unforgettable location!

- Three days of varied and contemporary continuing education sessions are offered
- Over 130 speakers and 150 open sessions and hands-on courses to choose from, as well as the Live Dentistry Stage in the Exhibit Hall
- Over 300 exhibiting companies in the spacious PDC Exhibit Hall
- Excellent Spring skiing and snowboarding on local mountains or drive the scenic Sea to Sky Highway to Whistler/Blackcomb

Registration opens October 15th, 2012 at...
www.pdconf.com
by simply pressing the foot pedal to the floor. Boost mode provides up to a 25 percent increase in power and allows the clinician to easily and efficiently move from lower power settings, traditionally used for biofilm and light deposit removal, to higher power settings for removal of more tenacious, larger deposits. Boost mode is designed as a short power boost, while the new Turbo mode is designed for occasions that require a sustained power increase.

Additional features of the units include an autoclavable handpiece, Cavitron’s patented BlueZone™ technology and convenient single-push purge mode. The purge feature is a self-timed, two-minute water purge, easily activated by pressing the button on the front of the unit. This feature saves time for the clinician by eliminating the need to press on the foot pedal for two minutes to purge the water line. The handpiece is easily removed for easy sterilization, allowing for increased infection control during clinical procedures by reducing the risk of cross contamination. BlueZone technology provides an extended low power range for improved patient comfort when subgingivally scaling.

All of these enhanced features are neatly packaged into a unit with a new look that has clean lines and more intuitive interface designs. The illuminated diagnostic display is designed to be easy for the clinician to read and navigate. A smooth, clean, front surface design is esthetically pleasing and easy to maintain.

The new, innovative technologies incorporated into the Cavitron Plus and Cavitron JET Plus with Tap-On Technology, and their associated advantages, provide the clinician with enhanced and improved options for ultrasonic instrumentation.

Reference

About the author

Gail Malone, RDH, BS, is a clinical educator for DENTSPLY Professional, serving the northeast region of the United States. She received her dental hygiene degree from Montgomery County Community College in Blue Bell, Pa., and received a bachelor’s degree in dental hygiene from Thomas Jefferson University in Philadelphia, where she also served as adjunct faculty. Malone’s more than 20 years in dentistry includes experience in clinical practice, dental hygiene education, dental practice management and dental distribution. She has lectured internationally, nationally and at the state and local level on ultrasonics, local anesthesia and a variety of other topics. Her aim is to provide dental professionals with current scientific research and information to assist them in implementing effective and efficient evidence-based treatment protocols in their clinical practices. You may contact her at gail.malone@dentsply.com.