

The new DAC Universal S: All-in-one and all-round protection with cleaning, lubricating and sterilizing dental instruments

An effective practice reprocessing workflow for infection prevention in dentistry is a top priority worldwide. Hygiene systems with a clear and effective workflow are essential to guarantee a high level of safety for patients and practice teams. As the world's largest manufacturer of dental products and technologies, Dentsply Sirona offers solutions for the entire infection control workflow in dental practices and clinics that are designed to meet the different needs of each country. With the new sterilization function, the DAC Universal S completes the DAC Universal product portfolio.

Charlotte, September 1st, 2020. Dentsply Sirona launched its new DAC Universal with a modern look and numerous changes based on the needs of the customers, e.g. Touch-Display, LAN interface, guided Check & Clean last year. This year the new DAC Universal S is ready to take things even further. The beneficial features of the DAC Universal are continued in the DAC Universal S and now supplemented with a complete sterilization function – especially for markets that require sterilization instead of a disinfection of unwrapped medical devices.

Comply with hygiene regulations by simply pressing a button

With two programs to choose from the automatic program selection of the DAC Universal S continues to provide maximum process reliability: The Pink Lid Program is specially designed for rotating instruments such as turbines, straight and contra-angle handpieces. The reprocessing process starts with a cold pre-wash. After an internal cleaning of the spray and gear channels a fully automatic lubrication follows. External cleaning with the pulse-wash method removes dirt and deposits from the outer surfaces of the instruments. The cleaning performance is excellent the results far exceed the standard values (80% better) required by the Robert Koch-Institute. Finally, instruments are sterilized at 134°C with three minutes holding time, and then cooled with cold air. The second program, the White Lid Program, is used for instruments that do not require lubrication: e.g. ultrasonic handpieces and tips or nozzles of multifunctional syringes and powder jet devices as well as powder jet handpieces. The cleaning steps are almost identical to the Pink Lid Program, but with lubrication step removed.

The DAC Universal S uses only demineralized water for all cleaning and sterilization steps, and does not require chemical cleaning agents, therefore preserving the lifespan of instruments. The guided maintenance workflow Check & Clean and the LAN interface for electronic documentation systems are also integrated into the DAC Universal S.

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About Dentsply Sirona

Dentsply Sirona is the world's largest manufacturer of professional dental products and technologies, with over a century of innovation and service to the dental industry and patients worldwide. Dentsply Sirona develops, manufactures, and markets a comprehensive solutions offering including dental and oral health products as well as other consumable medical devices under a strong portfolio of world class brands. Dentsply Sirona's products provide innovative, high-quality and effective solutions to advance patient care and deliver better and safer dental care. Dentsply Sirona's headquarter is located in Charlotte, North Carolina. The company's shares are listed in the United States on NASDAQ under the symbol XRAY.

Visit www.dentsplysirona.com for more information about Dentsply Sirona and its products.

The complete process takes approximately 21 minutes for each program – a fully compliant hygiene cycle with just a press of a single button.

"For me the DAC Universal S is the best solution on the market today for fast reprocessing of contra angles and turbines. Information given by the display is easy to understand as well as cycle time remaining", explains Dental assistant Jane Mikkelsen, Hinnerup, Denmark. "The cleaning performance is very good and the sterilization function of the DAC Universal S fulfils our needs required in the sterilization process of unwrapped medical devices. A huge upgrade to the previous DAC Universal regarding total reprocessing time as the instruments are now cooled. The design of the lids of the new DAC Universal are excellent as risk of burns when touching are minimized."

DAC Universal S: Safety and infection control in dental practices worldwide

"With the development of a combination device with a sterilization function, Dentsply Sirona is addressing the needs of dentists whose markets require the sterilization process of unwrapped medical devices," says Michael Geil, Group Vice President Equipment and Instruments, Dentsply Sirona. "With the success of the DAC Universal over the past decades, we are now completing our portfolio in the infection control/instrument reprocessing sector with the DAC Universal S and the now available sterilization function. This enables our now complete DAC family to meet all requirements worldwide. It is our commitment to guarantee and uphold safety and infection control in the dental practice and in accordance to legal and technical standards across different countries. I am extremely proud that we stay true to this promise with the DAC family, most especially during these times when infection control is an indispensable requirement."

IMAGES

are available for [> Download](#) on the website.



Fig. 1: The new DAC Universal S for sterilization of medical devices.



Fig. 2: Michael Geil, Group Vice President Equipment and Instruments, Dentsply Sirona.

