New grinding and milling unit
CEREC Primemill makes excellence easy

CEREC has taken another big step forward with the introduction of CEREC Primemill, a brand-new grinding and milling unit from Dentsply Sirona. Fabricating chairside restorations is about to get easier and significantly faster. Thanks to state-of-the-art technology, a wide range of restorations can now be manufactured with greater speed and outstanding results. Together with CEREC Primescan and CEREC Software, CEREC Primemill forms a modern set-up for achieving predictable results with a completely new chairside experience—for both the user and patient.

Guided operation for maximum convenience

When developing the new CEREC Primemill, special attention was paid to its user-friendliness: the large touch interface guides the user through all workflow processes. Each workflow step is displayed in order and shows, for example, which tools are used for the selected material and machining option. The tools are outfitted with colour codes according to the material to be processed and are therefore easy to distinguish. Each tool also contains a small RFID tag that can be read by an integrated scanner in the CEREC Primemill. The machine informs the user about the tool’s status and when it should be replaced. The new user guidance makes it even easier to delegate the operation of the machine.

For additional convenience, material blocks with compatible data matrix codes can be scanned with the integrated camera. With this, the block information, including type, size, colour and zirconia enlargement factor, are recorded. The unit’s LED light strip also informs the user about the unit’s status, including a moving blue progress bar, which changes to green when the manufacturing process is finished. In addition, the interface guides the user through routine maintenance procedures and thus facilitates the easy upkeep of CEREC Primemill.

More aesthetic, faster and simply excellent

With CEREC Primemill, restorations, especially those made of zirconia, can be milled even faster thanks to new tools and improved technology. The time required to fabricate a zirconia crown has been reduced by more than half: it can be cut from around 10–12 minutes to as little as 5 minutes using the new super-fast mode.

The results speak for themselves. Using newly developed, very fine tools (0.5 mm) in the extra-fine milling mode, the unit achieves a high level of detail for occlusal fissures as well as interdental areas on bridges, enabling users to achieve predictable, first-class results.

Superior chairside experience

The entire CEREC system takes on a new dimension with CEREC Primemill. For those customers who now want to step into the chairside CAD/CAM world and want to use CAD/CAM technology in their practice, the all-new CEREC gives them a full system with great flexibility for reliable results. Users who are already suc-
cessfully using CEREC in their practices will appreciate the new level of speed and high level of quality and convenience provided by CEREC Primemill.

“It was important for us to create real added value with CEREC Primemill, both for the CEREC newcomer and for those who have been passionate CEREC users for years,” explained Dr Alexander Völcker, group vice president of CAD/CAM and orthodontics at Dentsply Sirona. “We have noticeably increased the process speed while delivering outstanding restoration results. The variety of applicable materials leaves nothing to be desired and operation the unit has never been easier. The complete system does not require any data imports or exports. All processes are coordinated with one another and fully validated for an excellent and seamless chairside experience.”

Owing to various certification and registration periods, not all products are immediately available in all countries.

Dentsply Sirona
www.dentsplysirona.com

implant solutions for edentulism

MIS introduces the LOCKiT, an affordable, long-term, quality solution

MIS Implants Technologies has released its new LOCKiT advanced anchoring system for implant-supported overdentures. With life expectancy on the rise and an ever-growing ageing population effected by edentulism, there is a significant need for simple and affordable long-term solutions. The system was developed to answer these needs, while maintaining an uncompromising level of quality and patient comfort.

The LOCKiT system was designed with customisable levels of retention, features a concave emergence profile and anodised colour-coding for easy identification during the workflow, and is available for MIS internal hexagon and conical connections in all platforms, narrow, standard and wide. The abutment is coated with anti-wear material and is strengthened above the threads, which enables maximum durability. The plastic caps exhibit excellent resistance to abrasion over time and have a predictable and consistent retention level.

Tali Jacoby, implants product manager, explains: “We are attentive to the needs of our customers and looked for a solution that would include everything in a single package—a compact and convenient kit.” In order to get it right, “we considered the doctors who currently use a parallel product and made sure to incorporate full compatibility for the components. This way, they can use our solution with their own existing tools and accessories.” In order to provide an advantage when it comes to aesthetics, the LOCKiT was designed to reduce the height of the attachment for endosseous implants. The 1.5 mm height of the attachment makes this one of the shortest on the market, providing a convenient and aesthetic solution for the patient.

With an extended range of components, the system enables restoration of a non-parallel implant of up to 20° of angulation. This adds up to an extensive 40° of divergence between two implants and delivers maximum versatility for the clinician.

MIS Implants Technologies
www.mis-implants.com

Fig. 3: The renewed CEREC system. CEREC Primemill has proved to be a real game changer.
Straumann has launched the second season of StraumannPLAY. The season focuses on digital workflows, and in it, Dr Hugo Madeira, founder of the advanced implantology clinic Clínica de Implantologia Avançada in Lisbon in Portugal, takes the audience on a five-part journey in digital dentistry.

Digital workflows offer dental professionals accuracy and reliability and save a considerable amount of time. For patients, this means higher levels of comfort. In the new StraumannPLAY season, Dr Madeira delves into how dental professionals can manage these workflows and discusses the essential tools for successful treatments. Each 10-minute episode provides a glimpse into a specific topic, such as intra-oral scanning or the perfect smile. The first episode of Season 2 examines the rapid adoption of the intra-oral scanner in practices in order to replace conventional impressions or models. The next episodes are “Implant planning and guided surgery”, “Designing and printing the surgical guide”, “How to plan a smile” and “Prosthetic design and milling”.

StraumannPLAY, which is created by peers for peers, was launched as a means of sharing content on dentistry and beyond. The platform meets a growing need and interest in easily accessible content and formats. It is ideal for mobile devices when on the go. Season 1, titled “Digital for your dental practice”, was a major success, registering close to 3,000 views—and counting.

Episodes of StraumannPLAY can be viewed at www.straumann.com/play.